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1978/1	Narrow Band Filters for the 23 cm, 13 cm and 9 cm Band	D Vollhardt, DL3NQ	2 - 11
1978/1	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	18 - 22

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Topic	23 cm Band		
Edition	Title	Author	<b>Pages</b>
1978/1	Loop Yagi Antennas	R Lentz, DL3WR	23 - 29
1978/2	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation - Part 2	H Fleckner, DG8UG	66 - 81
1978/2	Local Oscillator for 1268 MHz	U Beckmann, DF8QK	125 -126
1978/3	An Inexpensive Power Amplifier for 24 cm Using 2C39	U Mallwitz, DK3UC	175 - 185
1978/3	Interdigital Converters for the GHz Amateur Bands	J Dahms, DC0DA	154 - 168
1978/4	Linear Transmit Converter	U Beckmann, DF8QK	241 - 243
1979/1	A Transistorised Linear Amplifier for the 23 cm Band	J Dahms, DC0DA	17 - 26
1979/2	Technology and Frequency Plan for Repeater in the 23 cm Band	T Morznick, DD0QT	97 - 102
1979/4	Big Wheel - An Omnidirectional Antenna for the 23 cm Band	T Morznick, DD0QT	203 - 207
1980/1	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 cm to 12 cm	J Grimm, DJ6PI	2 - 13
1980/4	A Home-Made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Material	H C Als, DC4IQ	226 - 229
1981/1	ATV Transmitter for the 24 Cm Band	G Sattler, DJ4LB	25 - 30
1981/2	A Linear Amplifier for 1250 MHz Using the BFQ68	G Sattler, DJ4LB	95 - 98
1981/3	An Exremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	135 - 143
1981/3	A 1.3 GHz Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	130 - 134
1981/4	A Noise Generator for VHF and SHF	O Frosinn, DF7OF	221 - 229
1981/4	A Home-Made UHF/SHF Power Meter	B Neubig, DK1AG	194 - 203
1982/1	Bias Voltage Circuits for Tubes of the 2C39/3CX100 Families	Michael Ulbricht, DB2GM	38 - 43
1982/3	A Helical Antenna for the 23 cm Band	Jan M Noeding. LA8AK	148 - 149
1983/3	A 1296 MHz/144 MHz Converter equipped with the GaAsFET 3SK97	Hans-J Grimm, DJ1SL	184 - 190
1983/4	A 1296 MHz / 144 MHz Converter Equipped with the GaAs-FET 3SK97	Hans Wessels, PA2HWG	232 - 234
1984/1	A 10 W Linear Amplifier for the 23 cm Band	Konrad Hupfer, DJ1EE	51 - 55
1985/4	SSB Mini Transverter 144 / 1296 MHz	Konrad Hupfer, DJ1EE	232 - 240
1986/1	Two Band (1.2 - 2.4 GHz) Feed Horn for Parabolic Antennas	Harald Fleckner, DC8UG	47 - 52
1986/1	A 20 W Linear Amplifier for the 23 cm Band	Konrad Hupfer, DJ1EE	38 - 40
1986/2	Microstrip Transverters for 23 and 13 cm Part 1	Matjaz Vidmar, YT3MV	96 - 107

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Topic	23 cm Band		
Edition	Title	Author	<b>Pages</b>
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
1986/3	Microstrip Transverters for 23 and 13 cm Part 2	Matjaz Vidmar, YT3MV	143 - 164
1987/2	A 250 W 23 cm Band Power Amplifier	Dragoslav Dobricic, YU1AW	92 - 98
1988/1	A 1296 MHz 200 mW Driver using SMD Technology	Armin Roesch, HB9MFL	54 - 59
1988/4	A Compact Hybrid Antenna for 2 m, 70 cm and 23 cm	Hannes Fasching, OE5JFL	212 - 217
1989/1	UHF and SHF Broadband Mixers	Joachim Berna, DL1YBL	39 - 45
1989/4	24/23 cm Band Linear Power Amplifier Module M57762	Carsten Vieland, DJ4GC	211 - 215
1990/4	An Unconditionally Stable, Low Noise GaAsFET Preamplifier	Dragoslav Dobricic, YU1AW	202 - 218
1991/1	The Trials and Modifications of a 23 cm Amplifier	A Vilaseca, HB9SLV	47 - 54
1992/3	Microwave Directional Coupler with Front-to-Back ratio made from Semi Rigid Circuits	Carsten Vieland, DJ4GC	130 - 139
1994/2	A Solid State Broadband 80 W Amplifier for 24 cm	Angel Vilaseca, HB9SLV	85 - 92
1997/1	Pre Mixer for 23 and 13 cm	Walter Zwickel, OE2TZL	20 - 29
1997/2	23 cm PSK Packet Rdaio Transceiver for 1.2 Mbit/s User Access	Matjaz Vidmar, S53MV	74 - 96
1997/3	A Broadband VHF-UHF-SHF Amplifier	Andre Jamet, F9HX	185 - 186
1999/3	Two Filters and a Diplexer for 23 cm	lan Waters, G3KKD	178 - 184
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2003/1	Micro transmitter for L band	Paolo Pitacco, IW3QBN	2 - 7
2003/3	L Band power amplifier for AO-40 uplink	Konrad Hupfer, DJ1EE	142 - 148
2003/3	GH Quad linear amplifier for 23cm	Grant Hodgson, G8UBN	188 - 190
2008/2	G H Engineerring PA1.3-100 23cm power amplifier	Andy Barter, G8ATD	106 - 114
2008/4	Retuning a GSM band PA from 900MHz to 1296MHz	Dtefan Przeliorz, SP9QZO	194 - 195
2010/4	Backpacking on 23cm	Andy Barter, G8ATD	243 - 248
2010/4	60 Watt amplifier for 23cm Amateur Band	Mihael Kuhne, DB6NT	230 - 236
2011/4	A simple transverter for the 1.3 GHz band	Rafal Orodzinski, SQ4AVS	194 - 201
2013/2	Development of a preamplifier from 1 to 1.7GHz with a noise figure of 0.4dB	Gunthard Kraus, DG8GB	90 - 101
2013/4	A Solid State Converter for 24cm. Reprint from the first VHF Communications Magazine in 1969	R Lentz, DL3WR	227 - 243

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Topic	24GHz Band	
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2010/1	White Box Story - what make of PA?	Jean-Francois Iosca, F1LVO 12 - 15

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Topic	3 cm Band		
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1976/4	Designation of the Microwave Bands and Waveguides	R Lentz, DL3WR	232 - 233
1977/1	Getting Started on the 10 GHz Band	Dr D Evans, G3RPE	19 - 29
1977/2	Introduction to Microwave Techniques a Description of a 10 GHz Transceiver	Dr Ing A Hock, DC0MT	66 - 70
1977/3	Further Data for Construction of Horn Antennas for the 10 GHz Band	T Kolpin, DK1IS	167
1977/3	A Transceiver for 10 GHz Part 2	Dr Ing A Hock, DC0MT	168 - 178
1977/4	A Transceiver for 10 GHz Part 3	Dr Ing A Hock, DC0MT	247 - 255
1978/4	The 10 GHz Amateur Band - Consideration of Present and Future Technologies	D Vollhardt, DL3NQ	244 - 251
1979/1	Calibration Spectrum Generator for the Microwave Bands up to 10 GHz	U Mallwitz, DK3UC	43
1979/1	The 10 GHz Amateur Band - Consideration of Present and Future Technologies - Part 2	D Vollhardt, DL3NQ	34 - 42
1979/2	A 3 cm Primary Radiator for Parabolic Antennas	R Griek, DK2VF	74 - 75
1979/2	A Frequency Multiplier for Narrow Band 3 cm Band Communications	R Griek, DK2VF	66 - 73
1979/3	A Simple Radiator for 3 cm Parabolic Dishes	R Heidemann, DC3OS	151 - 153
1979/4	A Transceiver for the 10 GHz Band	J Reithofer, DL6MH	208 - 215
1980/1	SSB on the 10 GHz Band - Information Regarding a Future Description in VHF Communications	H Fleckner, DC8UG	51 - 52
1980/2	Automatic Frequency Control + Suppression of Acoustic Feedback in Conjunction with 10 GHz Transceivr	Dr M Wieser, OE7WMI	107 - 111
1980/3	SSB on the 10 GHz Band Part 1 : Generation of the Local Oscillator Frequency	H Fleckner, DC8UG	130 - 138
1980/3	Home Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	139 - 145
1981/1	SSB on the 10 GHz Band Part 2 : Waveguide Modules	H Fleckner, DC8UG	2 - 12
1981/1	SSB on the 10 GHz Band Part 3 : Intermediate Frequencies in the 2 m or 70 cm Band	H Fleckner, DC8UG	13 - 17
1981/1	Coaxial SHF Connectors Constructed from Bicycle Tire Valves	E Schaefer, DL3ER	36 - 37
1981/2	Constant Amplitude PLL-SSB on the UHF and SHF Bands	O Frosinn, DF7OF	99 - 104
1981/2	Chokes for Contactless Tuning of Waveguide Modules	E Schaefer, DL3ER	105 - 107
1981/2	A New Method of Mounting and Feeding Gunn Elements Using a BNC Connector	K Buchenrieder, DD0MQ	108 - 109
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	135 - 143

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1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications Part 2	B Neubig, DK1AG	194 - 203
1981/4	Line of Sight Microwave Communications	H Shlager, OE3HSC	239 - 243
1982/2	Experiments with a 10 GHz Frequency Multiplier with Interdigital Filter Coupling	Uli Mallwitz, DK3UC	94 - 98
1983/1	A Stripline GaAs-FET Preamplifier and Mixer for the 10 GHz band, Part 1	Erwin Schaefer, DL3ER	42 - 48
1983/2	A Stripline GaAs-FET Preamplifier and Mixer for the 10 GHz band, Part 2	Erwin Schaefer, DL3ER	112 - 121
1984/1	A FM Transceiver for 10 GHz with Dielectrically Stabalised Oscillator	Jochen Jirmann, DB1NV	2 - 12
1984/2	A 10 GHz FM Transceiver with DSO Another Version with a 30 MHz Intermediate Frequency	Jochen Jirmann, DB1NV	89 - 90
1985/3	A Stable Crystal Controlled Source for 10.37 GHz	Jochen Jirmann, DB1V	146 - 152
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
1986/4	TV Satellite Receive Syatem Part 1 : Low Noise 11 GHz Down Converter	Matjaz Vidmar, YT3MV	194 - 213
1988/1	Rear Feed Dish Radiator with Corrugated Horn	Dr Med Hans Schloter, DJ7GK	8 - 9
1989/1	UHF and SHF Broadband Mixer	Carsten Vieland, DJ4GC	39 - 45
1989/2	Circular Waveguide Components at 10 GHz	Andrew Bell. GW4JJW	66 - 73
1989/2	The Microline 3 Transverter System The Break Through in 10 GHz Experimental Communications Part 1	Jurgen Dahms, DC0DA	95 - 102
1989/3	The Microline 3 Transverter System The Break Through in 10 GHz Experimental Communications Part 2	Jurgen Dahms, DC0DA	172 - 186
1989/4	Screw Tuned Filter for the X Band	Carsten Vieland, DJ4GC	242 - 246
1990/1	An Injection Locked Oscillator for the 10 GHz Band	R G Sanson, ZL1TBG	2 - 4
1990/2	10 GHz Varactor Tuned Gunn Oscillator	Andrew Bell, GW4JJW	66 - 69
1990/3	Microwave Lense Antennas	Angel Vilaseca, HB9SLV	179 - 189
1990/4	A New Feed for the 3 cm Band	G Tomassetti, I4BER	244 - 247
1992/3	Doppler Radar in the 10 GHz Amateur Band Part 1	Jean-Pierre Morel, HB9RKR	169 - 181
1992/4	Doppler Radar in the 10 GHz Amateur Band Part 2	Jean-Pierre Morel, HB9RKR	209 - 225
1994/2	Dual Band Exciter for 10 GHz and 24 GHz	Josef Fehrenbach, DJ7FJ	111 - 116
1995/1	GaAsFET Power Amplifier Stages up to 5 W for 10 GHz	Peter Vogl, DL1RQ	52 - 63
1996/4	10 GHz EME, Basic Principles and Discoveries	Josef Fehrenbach, DJ7FJ	224 - 243
1997/1	A 10 G Hz Super Regenerative Receiver	Andre Jamet, F9HX	2 - 12

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Edition	Title	Author	<b>Pages</b>
1997/2	Using a DRO as a Transmitter	Andre Jamet, F9HX	66 - 73
1998/1	Design and Assembly of a Noise Matched Hetro Junction GaAsFET 10.4 GHz Amplifier. Using PUFF	Harald Fleckner, DC8UG	18 - 29
1999/3	Dielectric Antenna for 3 cm	Bob Platts, G8OZP	187 - 188
1999/3	Dielectric Antenna for 3 cm	Bob Platts, G8ZOP	187 - 188
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2004/3	Franco's Finest. Low priced 10GHz preamplifiers	Gerard Galve, F6CXO	186 - 188
2005/4	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	217 - 221
2005/4	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	206 - 216
2007/4	1 watt power amplifier for 9 to 11GHz	Alexander Meier, DG6RBP	194 - 200
2010/3	A simple 10GHz power amplifier for beginners	Franco Rota, I2FHW	130 - 135
2011/2	A useful Dopler radar module	Carl G Lodstrom, KQ6AX, SM6MOM	102 - 106
2013/1	ATV Transverter for conversion of the 23cm band to the 3cm band	Michael Klerkx, PA0MKX	2 - 9

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Topic	3 m Band		
Edition	Title	Author	Pages
1975/2	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 1: Circuit Description	J Kestler, DK1OF	66 - 77
1975/3	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 2: Construction	J Kestler, DK1OF	130 - 145
1975/4	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 3: Power Supply and notes	J Kestler, DK1OF	200 - 202

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Topic	4 m Band		
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1969/2	The 70 MHz DL6SW FET Converter	D T Hayter, G3JHM	123
2011/2	T470/T670 A 4m(6m) to 70cm transverter	Lapo Pieri, IK5NAX	79 - 88

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Topic	47GHz band		
Edition	Title	Author	Pages
2002/3	Amplifier For 47GHz Using Chip Technology	Sigurd Werener, DL9MFV	160 - 164

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Topic	6 cm Band		
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1980/1	Receive Mixer for the 6 cm Band	R Heidemann, DC3OS	46 - 50
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications Part 2	B Neubig, DK1AG	194 - 203
1982/2	A Receive Conveter for the 6 cm Band	Thomas Morzinck, DD0OT	89 - 93
1982/4	A 6 cm Transmitter for FM and SSB	Hans-J Senckel, DF5OZ	209 - 213
1983/4	A 6 cm Preamplifier equipped with the MGF1400 and a Push Pull Mixer for Transmit and Receive	Hans Wessels, PA2HWG	210 - 217
1987/4	5760 MHz Power Amplifier using YD1060	Roman Wesolowski, DJ6EP	204 - 209
1989/1	UHF and SHF Braodband Mixers	Carsten Vieland, DJ4GC	39 - 45
1991/1	A 6 cm Transverter using Stripline Technology, Part 1	Peter Vogl, DL1RQ	16 - 30
1991/2	A 6 cm Transverter using Stripline Technology, Part 2	Peter Vogl, DL1RQ	69 - 73
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2008/4	Review of Mini-Kits 6cm 1 Watt PA (EME141-5800)	Richard Giles, G4LBH	249 - 250
2009/1	Antenna Array for the 6cm Band	Jose Geraldo Chiquito	37 - 53

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1992/4	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 1	Wolfgang Schneider, DJ8ES	241 - 250
1993/1	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 2	Wolfgang Schneider, DJ8ES	48 - 57
1993/2	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 3	Wolfgang Schneider, DJ8ES	101 - 108
2004/2	A modern 50/28MHz converter	Henning-Christof Weddig, DK5LV	95 - 115
2004/4	A modern 50/28MHz converter part 2	Henning-Christof Weddig, DK5LV	238 - 248
2006/3	Ultra linear low noise preamplifier for 6m	Dragoslav Dobriic, YU1AW	184 - 189
2007/1	EADX 6m contest rules		61
2007/1	Extending the 50MHz converter into a transverter	Henning C Weddig, DK5LV	19 -40

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Topic	70 cm Band		
Edition	Title	Author	<b>Pages</b>
1969/1	144 MHz / 432 MHz Transverter for Low Power and Field Day Applications	L Wagner, DL9JU	31 - 35
1969/2	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	96 - 97
1969/2	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	65 - 72
1969/4	A Ten Watt Transmitter for 70 cm	H J Franke, DK1PN	243 - 248
1970/2	Cheap Varactor Diodes for the 70 cm Transmitter, Using the EC8020 Tube	H J Franke, DK1PN	123
1970/2	A Universal VHF-UHF Transmitter for AM and FM	R Lentz, DL3WR	87 - 102
1970/3	Coaxial Low Pass Filter for VHF and UHF	H J Dohlus, DJ3OC	166 -178
1970/3	A Universal VHF-UHF Transmitter for AM and FM, Part 2	R Lentz, DL3WR	153 - 159
1970/4	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	240 - 243
1970/4	Stripline Transverter for 70 cm	K Eichel, DC6HY	225 - 239
1971/1	A 70 cm Transmitter with VXO Exciter	E Berberich, DL8ZX	33 - 39
1971/2	Simple Stripline Reflectometers for 144 MHz and 432 MHz	R Griek, DK2VF	89 - 92
1971/2	A 28 MHz - 432 MHz Transmit Converter with FET Mixer	F Weingartner, DJ6ZZ	99 - 106
1971/3	A Ground Station for Satellite Communications via OSCAR 6	Dr A Gschwindt, HA8WH	145 - 149
1971/4	Simple 70 cn Transverter for Portable Equipment	J Reithofer, DL6MH	217 - 221
1971/4	Stripline Bandpass Filter for 70 cm	J Reihofer, DL6MH	222 - 223
1971/4	Inexpensive Varactor Diodes	Editors	221
1972/2	An 18 W Power Amplifier for 432 MHz with Printed Striplines	K Hupfer, DJ1EE	88 - 91
1972/3	A Stripline Power Amplifier for 70 cm Using a 2C39 Tube	A Tautrim, DJ2PU	144 - 157
1973/3	Receive Converter 432 MHz / 28 MHz, Matching the Transmit Converter DJ6ZZ 002	J Dahms, DC0DA	160 - 164
1973/3	Miniature Receive Converter for 432 MHz/144 MHz for Portable Operation and DF Hunts	G Hoffschildt, DL9FX	173 - 176
1974/1	Transistorised Linear Amplifier for 70 cm	G Freytag, DJ3SC	30 - 37
1974/2	A linear Transverter for 2 m / 70 cm with Double Conversion	W Rahe, DC8NR	89 - 106
1975/2	A Simple 70 cm Power Amplifier Equipped with the 2C39	K Weiner, DJ9HO	78 - 82
1975/2	A Versatile 70 cm Converter with Schottky Diode Mixer	B Lubbe, DJ5XA	83 - 89

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1976/2	Concept of a Combined SSB Station for both 2 m and 70 cm	A Wurzinger, DJ4BH	116 - 117
1976/3	A Transmit Converter for 432 MHz with Schottky Ring Mixer	F Weingartner, DJ6ZZ	142 - 150
1977/1	Two Stage ATV Linear Amplifier for 435 MHz	G Sattler, DJ4LB	10 - 13
1977/2	The 70 cm FM Transceiver ULM 70 Part 1: Introduction, Block Diagrams, Variations	I Sangmeister, DJ7OH	104 - 108
1977/2	A Coaxial Line Power Amplifier for 70 cm Equipped with 4CX250B	W Rahe, DC8NR	71 - 84
1977/3	A Simple Bandpss Filter for the 70 cm band	H J Brandt, DJ1ZB	152 - 156
1977/3	The 70 cm FM Transceiver ULM 70 Part 2: The receiver	I Sangmeister, DJ7OH	130 - 142
1977/4	A New Concept for 2 m to 70 cm Transverters	E Berberich, DL8ZX	229 - 232
1977/4	The 70 cm FM Transceiver ULM 70 Part 3: The transmitter	I Sangmeister, DJ7OH	194 - 203
1978/1	A New Type of Preamplifier for 145 MHz and 435 HHz Receivers	M Martin, DJ7VY	30 - 36
1978/1	The 70 cm FM Transceiver ULM 70 Part 4: Mechanical construction an wiring	I Sangmeister, DJ7OH	42 - 47
1978/2	Harmonic Filter for the ULM 70 and ULM 70 S Transceivers	I Sangmeister, DJ7OH	82 - 84
1978/2	The ULM 70 S - An FM Transceiver for the 70 cm band with Synthesiser	I Sangmeister, DJ7OH	85 - 99
1978/3	The Frequency Control Loop for a 433 MHz VCO	T Krieg, DK8GY	186 - 190
1980/3	Modern Receive Converter fo 70 cm Receivers, Using DJ7VY 002 on the 70 cm band	M Lass, DJ3VY	148 - 154
1980/4	A Home Made Reflectometer for VHF and UHF Applications, Manufactured from plumbing materials	H C Als, DC4IQ	226 - 229
1980/4	A Simple Two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	230 - 231
1981/1	A Portable Home Made YAGI Antenna for the 70 cm band	H J Griem, DJ1SL	18 - 24
1981/3	A Ring Mixer Module for the DJ4LBI ATV Transmitter	B Roessle, DJ1JZ	167 - 172
1982/1	A Noise Generator for VHF and UHF	Michael Ulbricht, DB2GM	38 - 43
1982/3	Using the GaAs-FET S 3030 in a 70 cm Preamplifier	Editors	139 - 141
1982/4	A Compact 70 cm Transverter for 2 m Transceivers	Bernd Bartkowiak, DK1VA	227 - 235
1983/3	A 2 m / 70 cm SSB Transmitter with High Spurious Rejection Part 1	Gunther Borchert, DF5FC	163 - 170
1983/4	A 2 m / 70 cm SSB Transmitter with High Spurious Rejection Part 2	Gunther Borchert, DF5FC	235 - 246

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1985/3	Helica Antenna for the 70 cm band	Alois Aigner, DL6XE	130 - 132
1986/1	Oil Cooling for High Power Tubes	Franz R Rathenow, DF9ZT	41 - 46
1986/1	Active Probe Scaler 400 - 1300 MHz	A R Jenkins, ZL2TVT	13 - 17
1986/2	A Miniature 70 cm Handheld FM Transceiver	Jochen Jirmann, DB1NV	85 - 95
1987/1	Dimensioning Stacked Yagi Antennas Using the Superposition Technique	Wolfgang Borschel, DK2DO	27 - 30
1987/3	Additional Notes on the 70 cm Handheld DB1NV 004	G Prokoph, DL5NP	150 -151
1988/1	70 cm Converter Using GaAs-FET CF300	Wolfgang Schneider, DD2EK	50 - 53
1988/1	Wideband Power Divider / Combiner for the 2 m and 70 cm bands	Konrad Hupfer, DJ1EE	2-7
1988/1	A 2 m / 70 cm Antenna Splitting Filter	Joachim Kestler, DK10F	26 - 30
1988/4	432 MHz Linear PA Using 3 x 2C39BA	Dragoslav Dobricic, YU1AW	233 - 237
1988/4	A Compact Hybrid Antenna for 2 m , 70 cm and 23 cm	Hannes Fasching, OE5JFL	212 - 217
1989/1	UHF and SHF Braodband Mixers	Carsten Vieland, DJ4GC	39 - 45
1990/2	Universal Synthesiser for Frequencies up to and above 1000 MHz, Part 1	Gunther Borchert, DF5FC	99 - 104
1990/3	Universal Synthesiser for Frequencies up to and above 1000 MHz, Part 2 (Conclusion)	Gunther Borchert, DF5FC	139 - 156
1990/4	Simple Improvements to the DK2VF Microstrip Directional Coupler	Jochen Dreier, DG8SG	250 - 253
1994/3	Radio Astronomical Experiments in the 70 cm band	Dr Ing Jochen Jirmann, DB1NV	166 - 173
1995/2	A 28 / 432 MHz Transverter	Wolfgang Schneider, DJ8ES	98 - 106
1997/3	A Broadband VHF-UHF-SHF Amplifier	Andre Jamet, F9HX	185 - 186
2000/3	Low Pass Filter for 2 m and 70 cm	Gerhard Schmitt, DJ5AP	156 - 166
2000/4	Low Pass Filter for 2 m and 70 cm - Part 2	Gerhard Schmitt, DJ5AP	232 - 240
2013/4	A low noise preamplifier for the 70cm band with gian of 25dB and a noise figure of approx 0.4dB.	Gunthard Kraus, DG8GB	201 - 213

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2003/1	Frequency multiplier for 76GHz with an integrated amplifier	Sigurd Werner, DL9MFV	35 - 41
2003/2	A simple concept for an efficient 76GHz transverter	Sigurd Werner, DL9MFV	77 - 83
2003/3	76GHz amplifier	Sigurd Werner, DL9MFV	163 - 169
2003/4	New transmitter with higher performance for 76GHz	Sigurd Werner, DL9MFV	194 - 198
2004/1	Combining power at 76GHz: Three possible solutions discussed	Sigurd Werner, DL9MFV	13 - 19
2004/3	Frequency doubler for 76GHz with 130/160mW output	Sigurd Werner, DL9MFV	150 - 155
2004/3	Low noise, high performance amplifiers for 76GHz	Sigurd Werner, DL9MFV	139 - 149
2008/3	76GHz sextupler and amplification	Sigurd Werner, DL9MFV	155 - 159

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1978/1	Narrow Band Filters for the 23 cm, 13 cm and 9 cm band	D Vollhardt, DL3NQ	2 - 11
1978/1	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	18 - 22
1978/3	Interdigital Converters for the GHz Amateur bands.	J Dahms, DC0DA	154 - 168
1979/3	SSB Transmit Mixers for the SHF bands Part 2 : The 9 cm band	R Heidemann, DC3OS	144 - 150
1980/4	Local Oscillator, Transmit Mixer and Linear Amplifier for the 9 cm band	H J Senckel, DF5OZ	236 - 245
1981/2	Constant Amplitude PLL SSB on the UHF and SHF bands	O Frosinn, DF7OF	99 - 104
1981/3	An Extremely Low Noise 96 Mhz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 Mhz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	194 - 203
1982/3	A Power Amplifier for 3456 MHz	Klaus Brocker, DK1UV	142 - 147
1982/3	Bias Voltage Circuits for Tubes 2C39 / 3CX100	Jan M Noeding, LA8AK	148 - 149
1984/1	An SSB Transmit Mixer and Linear Amplifier foe 3456 MHz	Horst Burfeindt, DC9XG	13 - 22
1989/1	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	39 - 45
1989/4	2.83 GHz DR Oscillator	Hans Michl, Heilbronn	228 - 231
1989/4	9 cm Band Tube PA Stage	Roman Wesolowski,DJ6EP	232 - 241
1989/4	9 cm Band Power FET Linear Amplifier	Werner Rache, DC8NR	249 - 254

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1972/4	Amateur Television Part 2	T Bittan, G3JVQ	241 - 252
1973/1	An ATV Pulse Centre	K Wilk, DC6YF	54 - 59
1973/1	A Modular ATV Transmitter	G Sattler, DJ4LB	2 - 15
1973/2	A Modular ATV Transmitter Part 2	G Sattler, DJ4LB	66 - 80
1973/3	TV Pattern Generator	K Wilk, DC6YF	177 - 189
1973/4	TV Pattern Generator, Additional Board Grid and Dot Generator	K Wilk, DC6YF	250 - 254
1974/3	A Domestic TV Receiver as a Video Monitor	K Wilk, DC6YF	186 - 190
1975/2	A Veratile 70 cm Converter with Schottky Diode Mixer	B Lubbe, DJ5XA	83 - 89
1975/2	Modifications to the ATV Transmitter DJ4LB	P A Johnson, G8EIM	111 - 115
1976/1	ATV Information	J Grimm, DJ6PI	19 - 23
1976/2	ATV Information	J Grimm, DJ6PI	90 - 95
1976/2	Receive Converter with Schottky Diode Mixer for 24 cm	B Lubbe, DJ5XA	80 - 89
1976/3	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	155 - 157
1977/1	Transistor Linear Amplifiers for ATV Operation	G Sattler, DJ4LB	2 - 9
1977/1	Two Stage ATV Linear Amplifier for 435 MHz	G Sattler, DJ4LB	10 - 13
1977/1	A Vestigal Sideband Filter for ATV	J Grimm, DJ6PI	14 - 18
1977/4	A Modular ATV Transmitter with Video and Audio Modulation at IF Level	G Sattler, DJ4LB	233 - 246
1981/1	An ATV Transmitter for the 24 cm band Constructed From Modules Described in VHF Communications	G Sattler, DJ4LB	25 - 30
1981/2	A Linear Amplifier for 1250 MHz Using the BFQ68	G Sattler, DJ4LB	95 - 98
1981/3	A Ring Mixer Module for the DJ4LB ATV Transmitter	B Roessle, DJ1JZ	167 - 172
1981/4	An Easy to Build TV Pattern Generator	L Damrow, DC7EP	230 - 234
1984/3	Suggestions for Standardising SSTV and FAX Transmissions	W V Driessche, ON6VD	181
1984/4	Colour Test Image Generator for Amateur Television Applications	D Meendermann, DC1BP	194 - 204
1986/1	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	53 - 63
1986/3	IF Amplifier and Demodulator for Wideband FM Amateur Television	J Grimm, DJ6PI	165 - 176
1987/1	Colour Test Image Generator - Improved Resolution	D Petigi, DD1PE	57 - 58
1987/2	Television Field Strength Indicator	R Berres, DF6UW	110 - 112

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1988/1	Improved AFC Unit for the DJ4LB ATV Transmitter	R Berres, DF6UW	35 - 38
1988/1	ATV FM Driver for the 13 cm band	H Rathke, DC1OP	39 - 49
1988/4	FM Television for the Amateur	J Wood, G3YQC	194 - 211
1989/1	FM ATV in the GHz Range Part 2 : Sound Carrier Circuits and Tuning Voltage DC Converter	W Schneider, DD2EK	57 - 60
1989/1	FM ATV in the GHz Range Part 1 : 23 cm Transmitter	W Schneider, DD2EK	25 - 30
1989/2	Further Improvements to the DJ4LB 002a ATV Audio Section	A Meier, DC7MA	103 - 104
1989/2	ATV Sound PLL for the DJ4LB 002a Board	A Meier, DC7MA	105 - 107
1989/3	Vision / Sound Combiner for AM ATV Transmitter	R Berres, DF6WU	157 - 162
1990/1	SAT-X Receiver for the Satellite IF band 900 - 1700 MHz	M Salewski, DC9DO	10 - 22
1990/2	A Universal Sound Vision Unit for FM ATV Transmitters	Gunter Sattler, DJ4LB	105 - 114
1991/1	An FM ATV Receiver for the 23 cm band	W Schneider, DJ8ES	3 - 15
1991/1	10 GHz ATV The Easy Way, Part 1	J Toon, G0FNH	43 - 46
1991/2	10 GHz ATV The Easy Way, Part 2	J Toon, G0FNH	102 - 106
1991/3	Modifications of the FM ATV Transmitter DD2EK 002; Increasing the Output Power to 50 mW	W Schneider, DJ8ES	158 - 159
1991/4	10 GHz ATV The Easy Way, Part 3	J Toon, G0FNH	220 - 228
1991/4	ATV with Twin Sound Channels, Part 1	R Tappert	194 - 199
1992/1	ATV with Twin Sound Channels, Part 2	R Tappert	2 - 10
1992/2	10 GHz ATV The Easy Way, Part 4	J Toon, G0FNH	119 - 122
1992/2	A 10 GHz Television Transmitter Stabalised by a Dielectric Resonator	D Roussel, F6IWF	66 - 75
1992/3	A Digital Slow Scan Television Transmit Coder	J J Noel, F6ILR	140 - 150
1993/4	Addenda and Comments on the Article : A 10 GHz FM ATV Tramsmitter with Dielectric Resonator	G Sattler, DJ4LB	237 - 240
1994/1	Suppression of Interference to 70 cm ATV by Using a Highly Selective Notch Filter	E Berberich, DL8ZX	45 - 55
1994/2	13 cm FM ATV Exciter	R Erping, DB9JC	119 - 124
1995/1	Modifying Satellite Receiving Systems for 10 GHz FM ATV Operation	Denys Roussel, F6IWF	2 - 17
1995/4	The Worlds Smallest 10 GHz ATV Transmitter	Angel Vilaseca, HB9SLV	246 - 252
1998/2	A State of the art 13 cm Amateur Television Transmitter, Part 1	Henk Medenblik BSc, PE1JOK	66 - 74

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1999/3	UHF TV Masthead Pre Amplifier	Graham Baker, ZL1TOF	185 - 186
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1999/4	Receive Amateur Television with this Low Cost Conversion of a PACE PRD800 Satellite Receiver	Duncan Head, G7PNE	249 - 253
2000/1	5.7 GHz ATV Converter	Helmut Neidel, DL1IN	24 - 29
2000/3	Suplement to Article on 5.7 GHz ATV Converter	Helmut Neidel, DL1IN	186 - 187
2002/4	Video Signal Recognition, ATV Squelch	Alexander Meier, DG6RBP	232 - 241
2005/4	ATV transmitter with PLL for 10GHz	Alexander Meier, DG6RBP	206 - 216
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1969/2	Determining the Impedance of Rod Antennas in the VHF Range	H J Dohlus, DJ3QC	98 - 109
1969/3	Determining the Impedance od Quarter Wave Ground Plane Antennas	H J Dohlus, DJ3QC	160 - 168
1970/1	A Tiltable Antenna with Selectable Polarity	E Reith, DJ9JT	12 - 20
1971/2	A Quadruple Quad Antenna - An Efficient Portable Antenna for 2 Metres	M Ragaller, DL6DW	82 - 84
1971/2	Standing Wave Ratio and Cable Attenuation	J Strrm, DC6YE	85 - 88
1971/3	A 4 Element Yagi Antenna for 23 cm	H W Binder, DC8XB	132 - 133
1973/2	Circular Polarisation on 2 Metres	T Bittan, G3JVQ	104 - 109
1973/2	Theory, Advantages and Types of Antennas for Circular Polarisation at UHF	Dr Ing A Hock, DC0MT	110 - 115
1973/3	Further Data for Construction of Horn Antennas for the 10 GHz band	T Kolpin, DK1IS	167
1973/4	Antenna Notebook	T Bittan, G3JVQ	220 - 223
1974/1	Calculation of the Elevation and Azimuth Angles for Antenna Control for Moonbounce Communications	P Raicgle, DJ6XV	42 - 45
1974/1	Antenna Notebook	T Bittan, G3JVQ	38 - 41
1974/2	Six Element Collinear Antenna with Reflector Plate for the 24 cm band using Stripline Balun	M Munich, DJ1CR	85 - 88
1974/2	Antenna Notebook	T Bittan, G3JVQ	82 - 84
1974/3	Antenna Notebook	T Bittan, G3JVQ	147 - 148
1974/3	Losses Encountered when Interconnecting Cables Having Incorrect Impedance	Dr P Brumm, DL7HG	142 - 146
1974/3	A Helical Antenna for 70 cm	W Stich, OE1GHB	149 - 155
1974/4	Antenna Notebook : OSCAR 7 Antennas	T Bittan, G3JVQ	248 - 251
1975/1	Antenna Notebook : Further Details on Circular Polarisation	T Bittan, G3JVQ	21 - 25
1975/1	Measurements on a Quadruple Quad Antenna	G Schwarzbeck, DL1BU	26 - 31
1975/1	A Long Yagi Antenna for 1296 MHz	R Lentz, DL3WR	32 - 33
1975/2	A Four Element Yagi Antenna for the 23 cm band using Stripline Balun	B Lubbe, DJ5XA	106 - 107
1975/2	A 40 Element Collinear Antenna for 23 cm	G Korner, DK2JR	108 - 110
1975/2	A Stacked Tubular Slot Antenna for the 23 cm band	G Korner, DK2LR	103 - 105
1975/3	Antenna Notebook : Antennas for MobileTelecommunications	T Bittan, G3JVQ	168 - 173

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1976/1	Antenna Notebook	T Bittan, G3JVQ	55 - 60
1976/3	The Most Important Features and Characteristics of GHz Antennas	H Berner, VDE/NTG	130 - 141
1976/4	Balun Transformers for 23 cm and 13 cm from Semi Ridgid Cable	Editors	221
1976/4	Tubular Radiator for Parabolic Antennas in the 13 cm band	H J Griem, DJ1SL	207 - 214
1977/1	Antenna Notebook	T Bittan, G3JVQ	52 - 56
1977/1	Corner Reflector Antennas	R Lentz, DL3WR	57 - 58
1977/1	Horn Antennas for the 10 GHz band	Dr Dain Exans, G3RPE	28 - 29
1977/2	Horn Radiators for the 10 GHz band	Dr Ing A Hock, DC0MT	69 - 70
1977/3	Yagi Antennas - Principle of Operation and Optimum Design Criteria	G Hoch, DL6WU	157 - 166
1977/4	More Gain with Yagi Antennas	G Hoch, DL6WU	204 - 211
1978/1	Loop Yagi Antennas	R Lentz, DL3WR	23 - 29
1978/1	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	37 - 41
1978/2	Electronic Control of Antenna Rotators Part 1: Programming Using Preset Trimmer Potentiometers	J Kestler, DK1OF	114 - 118
1978/3	Calculation of the Elevation and Azimuth of the Antenna for METEOSAT Reception	R Lentz, DL3WR	173 174
1979/2	A 3 cm Primary Radiator for Parabolic Antennas	R Griek, DK2VF	74 - 75
1979/3	A System for Reception and Display of Meteosat Images Part 1	R Tellert, DC3NT	130 - 140
1979/3	Optimum Spacings of Directional Antennas	G Hoch, DL6WU	154 - 161
1979/3	A Simple Radiator for 3 cm Parabolic Antennas	R Heidemann, DC3OS	151 - 153
1979/4	Electronic Control of Antenna Rotators Part 2 : Digital Programming with BCD Inputs	J Kestler, DK1OF	238 - 250
1979/4	Big Wheel - An Omnidirectional Antenna for the 23 cm band	Th Morzinck, DD0OT	203 - 207
1980/1	A Remote Polarisation Switching Unit for Crossed Yagi Antennas	H Stoll, DG7SO	33 - 35
1980/3	Home Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	139 - 145
1980/4	A Simple two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	230 -231
1981/1	A Portable Home Made Yagi Antenna for the 70 cm band	H J Griem, DJ1SL	18 - 24

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1981/4	Antennas for Reception of Orbiting Weather Satellites in the 137 MHz band	T Bittan, G3JVQ	214 - 218
1982/1	The Optimum S Element Antenna	Leif Asbrink, SM5BSZ	19 - 23
1982/3	Extremely Long Yagi Antennas	Guenter Hoch, DL6WU	130 - 138
1983/3	Antenna Polarisation for OSCAR 10	Gunther Schwarzbeck, DL1BU	182 - 183
1983/3	A Helical Antenna for the 23 cm band	Hans J Griem, DJ1SL	184 - 190
1983/4	Determining the Antenna Gain in the GHz Range	Erich Stadler, DG7GK	202 - 203
1984/4	A Programmable Rotator Control	Manfred Claar, DF9EY	232 - 246
1985/2	Loop Yagi Antenna Design for 13 cm	Josef Grimm, DJ6PI	72 - 78
1985/2	Estimating the Gain of Yagi Antennas From Chart Data	Gunther Hoch, DL6WU	121 - 124
1985/3	Helical Antenna for the 70 cm band	Alois Aigner, DL6XE	130 - 132
1985/3	The Directional Coupler Function and Use	Erich Stadler, DG7GK	178 - 184
1985/3	Polarisation Performance of Circularly Polarised Antennas	Matjaz Vidmar, YU2UMV	173 - 177
1985/3	Determination of Antennas Gain What's Actually Behind it all ?	Bernd von Bojan, DJ7YE	185 - 191
1985/4	Micro Stripline Antennas	Friedrich Krug, DJ3RV	194 - 202
1986/1	Two Band (1.2 - 2.4 GHz) Feed Horh for Parabolic Antennas	Harald Fleckner, DC8UG	47 - 52
1986/1	Antenna Position Calculations for Measurments of Cosmic Radio Sources and EME Communications	Peter Gerber, HB9BNI	35 - 37
1986/2	The YU0B Yagi Antenna	Dragoslav Dobricic, YU1AW	66 - 80
1986/3	Reflection Coefficient	Erich Stadler, DG7GK	186 - 188
1986/4	TV Satellite Receive System Part 1 : Low Noise 11 Ghz Down Converter	Matjaz Vidmar, YT3MV	194 - 213
1987/1	Dimensioning Stacked Yagi Antennas Using the Superposition Technique	Wolfgang Borschel, DK2DO	27 - 30
1987/2	The Dopler Effect Over Radio Links, Using Active or Pasive Reflectors	Peter Gerber, HB9BNI	88 - 91
1988/1	Receiving METEOSAT with Yagis	Andreas Schaumburg, DF7ZW	15 - 18
1988/1	Rear Feed Dish Radiator wit Corrugated Horn	Dr Med Hahs Schloter, DJ7GK	8 - 9

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1988/4	An Introduction to Moonbounce (EME)	Willi Rass, DF4NW	218 - 232
1990/1	41 Element Yagi for the 13 cm band	Philipp Prinz, DL2AM	40 - 43
1990/2	A Magnetic Loop Antenna for 2 Metres	John Winsor, G0JXU	118 - 122
1990/2	Stacked Loop Yagi Antenna for METEOSAT Reception	A E Chicken, G3BIK	85 - 98
1990/2	WG20 Dish Mount	Andrew Bell, GW4JJW	115 - 117
1990/3	Microwave Lense Antenna	Angel Vilaseca, HB9SLV	179 - 189
1990/4	A "New" Feed for the 3 cm band	G Tomassetti, I4BER	244 - 247
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1991/4	Magnetically Coupled Yagi Antennas - Overlooked by Amateurs ?	Eugen Berberich, DL8ZX	247 - 251
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1992/2	A Very Low Noise Aerial Amplifier	Matjaz Vidmar, YT3MV	90 - 96
1992/2	Low Feedback Coupling of a Poly Directional Antenna for Contest Operation	Eugen Berberich, DL8ZX	97 - 99
1992/3	VHF / UHF Sloping Vee Antennas	R A Formato PhD, K1POO	151 - 157
1992/4	Active Antenna for the Frequency Range from 10 KHz to 50 MHz	Dr Ing Jochen Jirmann, DB1NV	226 - 231
1993/1	Dopler Direction Finder with Improved Characteristics	Dipl Ing Detlef Burchard	2 - 18
1993/4	An Antenna for all Meteors	Richard A Formato, K1POO	227 - 230
1994/1	Maximum Bandwidth Monopole Antennas	Richard A Formato, K1POO	19 - 23
1994/2	Improved Impedance Performance of the Extended Double Zepp Antenna	Richard A Formato, K1POO	78 - 84
1994/3	Improving Impedance Bandwidth of VHF / UHF Yagis by Decreasing the Driven Element F/D Ratio	Richard A Formato, K1POO	142 - 150
1994/4	A Practical Loop Antenna for HF	Carl G Lodstrom, SM6MOM/W6	230 - 234

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1994/4	A Stripline Antenna for 10 GHz	Angel Vilaseca, HB9SLV	238 - 244
1995/1	Calculating the Focal Point of an Offset Dish Antenna	Ing Jiri Otypka CSc	25 - 30
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1996/1	Design Parameters for Impedance Loaded Wideband Antenna	Richard A Formato, K1POO	42 - 54
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1996/1	Improved Impedance Loading for Wideband Antennas	Richard A Formato, K1POO	20 - 29
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1996/3	More on the Off Centre Fed Dipole	Richard A Formato, K1POO	181 - 184
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1997/2	A Genetically Designed Yagi	Richard A Formato, K1POO	116 - 123
1998/2	How Good are Genetically Designed Yagi?	Richard A Formato, WW1RF	87 - 93
1998/3	Computer Assisted Design of High Gain Yagi Aerials	Leif Asbrink, SM5BSZ	130 - 145
1999/1	Improving VHF Antenna Systems with High Impedance Yagis	Richard A Formato, WW1RF	38 - 52
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2004/1	An array of 4 x 16 turn helix antennas for 2402MHz	Paolo Pitacco, IW3QBN	2 - 6
2004/3	The noble art of piping power to an antenna	Carl Lodstrom, KQ6AX, SM6MOM	130 - 138
2006/1	Design for a printed circuit board antenna, using a Log Periodic antenna as an example	Thomas Bergmann DG8NTB	48 - 61
2006/2	Design of a Quad Yagi: Part 1	Johannes Schad, DG6NDS	107 - 116
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2006/3	Reciprocal effects between antennas and surrounding metal objects, Part 2	Prof. Ing. Gerd Janzen, DF6SJ	156 - 168
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2007/1	Practical Project: Durable and reproducible patch antenna for the 2.45GHz WLAN band, Part 1	Gunthard Kraus, DG8GB	41 - 55
2007/3	Practical Project: Durable and reproducible patch antenna for the 2.45GHz WLAN band, P2 cont frm 1/7	Gunthard Kraus, DG8GB	178 - 188
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2011/3	High Performance 10GHz Dish Tests Using a Simple 1W Amplifier	Paolo Antoniazzi, Marco Arecco	162 - 170
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2012/2	Tubular radiator for parabolic antennas on the 13cm band (reprint from issue 4/1976)	H. J. Griem, DJ1SL	117 - 124
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2013/4	Antenna Notebook. A reprint of the first of a series of articles by the original publisher	T Bittan, G3JVQ/DJ0BQ	243 - 247

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1971/1	Speech Processing - Practical Circuit of an Efficient Clipper	D E Schmitzer. DJ4BG	1 - 5
1971/2	An Integrated Audio Amplifier Using the PA237	D E Schmitzer. DJ4BG	115 - 120
1971/4	An Audio Frequency RTTY Converter	Dr A Gschwindt, HA8WH	224 - 232
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1974/2	An Integrated Receiver System for AM, FM, SSB and CW Part 6: PSU, AF Low Pass Filter and S Meter	H J Franke, DK1PN	107 - 113
1975/1	Active Bandpass Filters Using RC Components Part 1 : Theory	D E Schmitzer, DJ4BG	15 - 20
1975/2	Active Bandpass Filters Using RC Components Part 2 : Practical Construction	D E Schmitzer, DJ4BG	93 - 102
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1976/4	Calling Tone Decoder and Oscillator	R Reuter, DC6FC	252 - 255
1977/1	Interesting Linear Integrated Circuits	D E Schmitzer, DJ4BG	44 - 51
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1987/2	Switched Capacitor Audio Filter	Werner Rahe, DC8NR	113 - 125
2001/2	Digital Speech Store	Wolfgang Schneider, DJ8ES	87 - 91
2001/3	Digital Speech Store, Instructions and Improvements to the article in issue 2/2001	Wolfgang Schneider, DJ8ES	156 - 157
2002/2	Speech Store With Integrated Sequencer	Wolfgang Schneider, DJ8ES	87 - 94
2004/1	Universal sound card inteface for digital modes	Wolfgang Schneider, DJ8ES	7 - 12

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Topic	DSP Techniques		
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1988/2	Digital Signal Processing Techniques for the Radio Amateur - Theoretical Part	Matjaz Vidmar, YT3MV	76 - 97
1989/1	Digital Signal Processing Techniques for the Radio Amateur, Part 2 Design of a DSP Computer	Matjaz Vidmar, YT3MV	2 - 24
1989/2	Digital Signal Processing Techniques for the Radio Amateur,Part 3 Construction / use of DSP Computer	Matjaz Vidmar, YT3MV	74 - 94
1989/3	Digital Signal Processing Techniques for the Radio Amateur, Part 4a Application Software	Matjaz Vidmar, YT3MV	130 - 137
1989/4	Digital Signal Processing Techniques for the Radio Amateur, Part 4b Application Software	Matjaz Vidmar, YT3MV	216 - 227
1990/2	Amateur Radio Applications of the Fast Fourier Transform, Part 1	Matjaz Vidmar, YT3MV	123 - 126
1990/3	Amateur Radio Applications of the Fast Fourier Transform, Part 2a	Matjaz Vidmar, YT3MV	130 - 138
1990/4	Amateur Radio Applications of the Fast Fourier Transform, Part 2b	Matjaz Vidmar, YT3MV	219 - 229
1991/3	DSP Computer Update No 1	Matjaz Vidmar, YT3MV	147 - 157
1991/4	Simple Doubling of Data Storage Capacity of the DSP Computer	Heinz Kriegelstein1991/4	206 - 210
1992/4	A 1 Mbyte SRAM Card for the DSP Computer	Matjaz Vidmar, YT3MV	204 - 208
1993/3	Programming the DSP Computer	Gunther Hofmann, DK2TX	178 - 180
2010/1	Introduction to Digital Signal Processing (DSP)	Gunthard Kraus, DG8GB	23 - 37

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1985/3	FM/AM Converter for Facsimile Reception and Picture Display with the YU3UMV Picture Store	Drs Tjapke Knoeff	169 - 172
1986/1	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	53 - 63

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1970/3	Coaxial Low Pass Filters for VHF and UHF	H J Dohlus, DJ3OC	166 - 178
1970/4	Steep Skirted Active Audio Filters	D E Schmitzer, DJ4BG	210 - 216
1971/3	Interdigital Bandpass Filter for 23 cm	H J Franke, DK1PN	141 - 144
1971/4	Stripline Bandpass Filter for 70 cm	J Reithofer, DL6MH	222 - 223
1975/4	A Simple Bandpass Filter for the 2 m band	H J Brandt, DJ1ZB	244 - 249
1977/3	A Simple Bandpass Filter for the 70 cm band	H J Brandt, DJ1ZB	152 - 156
1978/1	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	37 - 41
1978/1	Narrow Band Filters for the 23 cm, 13 cm and 9 cm band	D Vollhardt, DL3NQ	2 - 11
1978/2	Harmonic Filter for the ULM 70 and ULM 70S Tranceivers	I Sangmeister, DJ7OH	82 - 84
1978/3	Interdigital Converters for the GHz Amateur bands. Coupled Microstrip Lines as Filters	J Dahms, DC0DA	154 - 168
1983/3	Input Filters for Receive Applications in the 144 MHz Range	Istan Szabo, op of HA5KFV	141 - 147
1983/4	Measuring Aids and a Harmonic Filter for the V MOS Transistor 100 W Power Amplifier for 144 MHz	Harald Braubach, DL1GBH	247 - 254
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
2001/4	Modern Design for Band Pass Filters Made From Coupled Lines	Gunthard Kraus, DG8GB	228 - 251
2002/1	Modern Design of Stripline Low Pass Filters	Gunthard Kraus, DG8GB	35 - 62
2003/4	Practical Project: Design and construction of a high quality 100MHz bandpass filter	Gunthard Kraus, DG8GB	208 - 225
2004/4	Design and realisation of a coaxial low pass filter for 1.85GHz	Alexander Meier, DG6RBP	210 - 216
2005/1	Practical Project: Stripline low pass filters	Gunthard Kraus, DG8GB	16 - 27
2005/3	Practical Project: Stripline low pass filter for various frequency ranges. Part 2 cont. from 1/2005	Gunthard Kraus, DG8GB	164 - 181
2005/4	Systematic development of low pass filters using lines	Arttoteles Tsiamitros	194 - 205
2006/1	Design and assembly of a simple 4 pole ladder filter	Wolfgang Schneider, DJ8ES	2 - 6
2006/1	Practical Project: Stripline low pass filters for various frequency ranges. Part 3 cont. from 3/2005	Gunthard Kraus, DG8GB	7 - 28
2008/1	Filter synthesis using LTspice	Aristoteles Tsiamitros, DD5FT	12 - 25
2008/1	A new band pass filter design for microwave projects	Joh Fielding, ZS5JF	43 - 55
2008/4	Example active low pass filters	Aristoteles Tsiamitros, DD5FT	219 - 230

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2010/3	Bandpass Filters: Top or Bottom Coupling?	Andre Jamet, F9HX	136 - 140
2011/1	Design of band pass filters	John Fielding, ZS5JF	47 - 53
2011/3	A versitile VHF Bandpass Filter	Andre Jamet, F9HX	175 - 178
2012/1	YIG Filter with calibration memory	Ralp Berres, DF8WU	35 - 48
2012/3	An Interesting Project: A low-loss 10.7MHz bandpass filter withh attenuation up to 500MHz	Gunthard Kraus, DG8GB	131 - 146
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1969/1	Phased Locked Oscillator For Transmit and Receive Mixers Amateur Radio Equipment	K P Timmann, DJ9ZR	11 - 25
1969/2	A Coaxial Relay with a High Coupling Attenuation and Good SWR	E Berberich, DL8ZX	124 - 125
1969/2	Preamplifiers to Improve Speech Intelligibility Under Poor Operating Conditions	E Schmitzer, DJ4BG	110 - 114
1969/2	Regarding the DJ7ZV / DJ9ZR Phased Locked Oscillator	G Loebell, DJ6AH	85 - 86
1969/3	A Calibrated Attenuator	J Wasmus, DJ4AU	169 - 173
1969/3	A Simple Electronic Fuse	G Laufs. DL6HA	174 - 178
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1969/3	Linear Integrated Circuits for Amateur Applications	D E Schmitzer, DJ4BG	151 - 157
1969/4	Linear Integrated Circuits for Amateur Applications	D E Schmitzer, DJ4BG	196 - 204
1970/1	Is FM Advantageous on the VHF - UHF bands	D E Schmitzer, DJ4BG	21 - 24
1970/2	A Digital Discriminator Accessory for FM Demodulation	D E Schmitzer, DJ4BG	105 - 110
1970/3	Experiments with a Crystal Discriminator	D E Schmitzer, DJ4BG	147 - 152
1971/2	Standing Wave Ratio and Cable Attenuation	J Sturm, DC6YE	85 - 88
1971/3	Basic Digital Circuits	D E Schmitzer, DJ4BG	150 - 155
1971/3	A New Method of Frequency Multiplication for VHF and UHF SSB	K Meinzer, DJ4ZC	172 - 176
1971/3	AM Demodulators Using Silicon Semiconductors	D E Schmitzer, DJ4BG	190 - 193
1971/4	Signal Rejection	D E Schmitzer, DJ4BG	248 - 250
1971/4	Striplines for VHF and UHF	K Hupfer, DJ1EE	207 - 216
1972/1	Circulators and Isolators	R Lentz, DL3WR	55 - 60
1972/2	Phase Locked Circuits	T Schad, DJ8ES	80 - 87
1972/2	Circulators and Isolators, Part 2	R Lentz, DL3WR	98 - 102
1972/3	Dimensioning of Microstripline Circuits	W Schumacher, DJ9XN	130 - 143
1972/4	VHF Transequatorial Propogation	R L Harrison, VK2ZTB	194 - 206
1972/4	Dimensioning of Microstripline Circuits, Part 2	W Schumacher, DJ9XN	216 - 228
1973/1	VHF Transequatorial Propogation	R L Harrison, VK2ZTB	18 - 23
1973/3	Adjusting the Operating Point of Field Effect Transistors	D E Schmitzer, DJ4BG	146 - 153
1973/4	Antenna Notebook : Circular Polarization	T Bittan, G3JVQ	220 - 223
1974/4	Meteor Scatter, Theory and Practice	Th Dambold, DJ5DT	194 - 203

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1975/4	Noise in Receive Systems	R Lentz, DL3WR	217 - 235
1976/1	Matching Circuits for Schottky Ring Mixers	J Kestier, DK10F	13 - 18
1976/3	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	155 - 157
1976/3	Design of Transistor Frequency Multipliers	Dr Ing H Schierholt, DL3ZU	151 - 154
1976/4	Designation of the Microwave Bands and Waveguides	R Lentz, DL3WR	232 - 233
1976/4	Mixer and Preamplifier Noise at SHF	D Voilhardt, DL3NQ	234 - 242
1977/1	Overtone Crystal Oscillators in Series and Parallel Resonance	H J Brandt, DJ1ZB	38 - 43
1977/1	Reducing the Output Power of Transistorised SSB Transmitters and Transverters	H J Dierking, DJ6CA	37
1977/2	Stabalising the Operating Point of Transistors with Directly Grounded Emitter	E Schmitzer, DJ4BG	100 - 103
1977/2	Zener Diode Noise in Oscillator and Multiplier Circuits	H J Franke, DK1PN	98 - 99
1977/3	The AFC Loop - A Simple and Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschildt, DL9FX	184 - 188
1977/3	Selective Frequency Multipliers	H J Brandt, DJ1ZB	143 - 151
1977/4	A New Concept for 2 m and 70 cm Transverters	E Berberich, DL8ZX	229 - 232
1978/1	Simplified Measurements of Spurious Signals of VHF Transmitters	H J Brandt, DJ1ZB	59 - 61
1978/1	Applications of CMOS Circuits	G Heeke, DC1OW	53 - 58
1978/1	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation	H Fleckner, DC8UG	12 - 17
1978/2	Atom Frequency Standards and Standard Frequency Transmitters	M Klein, DK7UF	119 - 124
1978/3	Diode Applications in Frequency Multipliers for the Microwave Range	H Fleckner, DC8UG	145 - 153
1978/4	The 10 GHz Amateur Band - Consideration of Present and Future Technologies	D Vollhardt, DL3NQ	244 - 251
1979/1	The 10 GHz Amateur Band - Consideration of Present and Future, Part 2 Technologies	D Vollhardt, DL3NQ	34 - 42
1979/2	Attenuators for Power Matching	E Wiedenmann, DL8XI	117 - 124
1979/3	Quadrature Demodulators	A Meier, DC7MA	170 - 173
1979/3	Design of Crystal Oscillator Circuits	B Neubig, DK1AG	174 - 190
1979/4	Design of Crystal Oscillator Circuits, Part 2	B Neubig, DK1AG	223 - 237
1980/1	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 to 12 cm	J Grimm, DJ6PI	2 - 13

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1980/1	Simplified Inductance Calculation for Small Air Spaced Coils	H Rathke, DC1OP	23 - 24
1980/1	Simple Design of Quarter Wavelength Stripline Circuits	W Lerche, DC3CL	25 - 28
1980/2	A Noise Blanker for Large Signal Conditions Suitable for Receivers Having a Large Dynamic Range, Pt2	M Martin, DJ7VY	96 - 106
1980/2	Determining the Sensitivity of Receive Systems with the Aid of Solar Noise	G Hoch, DL6WU	66 - 72
1981/2	Constant Amplitude PLL SSB on the UHF and SHF bands	O Frosinn, DF7OF	99 - 104
1981/3	Coupled Microstriplines as Filter	F Schmehr, DC8EC	144 - 147
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	194 - 203
1981/4	A Versatile IF Module Suitable for 2 m Receivers, or as an IF Module for the SHF bands	F Krug, DJ3RV	244 - 250
1982/1	Coherent Communications Technology	Ulf-D Ernst, DK9KR	2 - 3
1982/1	Dynamic Range of 2 m Transceivers Part 1 : Intro	Leif Asbrink, SM5BSZ	49 - 55
1982/1	Stabalising the Operating Point of Preamplifiers and Linear Amplifiers	Fred Schmehr, DC8EC	59 - 60
1982/2	Coherent Telegraphy Transmissions.	Charles Woodson, W6NEY	66 - 76
1982/3	The Optimum IF Selectivity for Coherent Telegraphy (CCW)	Bernd Neubig, DK1AG	163 - 171
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1983/4	The Dielectric Resonator. A Miniature Component for Realising Stable Microwave Oscillators + Filters	Jochen Jirmann, DB1NV	194 - 201
1984/1	Using Smiths Diagrams	Erich Stadler, DG7GK	23 - 28
1984/2	Introduction into Spread Spectrum Technology, Based on a Lecture at the Weinham VHF Convention 1982	H U Schmidt, DJ6TA	115 - 126
1984/3	Introduction into Spread Spectrum Technology, Based on a Lecture at the Weinham VHF Convention 1982.	H U Schmidt, DJ6TA	161 - 164
1984/3	An Optimum Crystal Filter for Coherent Telegraphy (CCW)	Friedrich Krug, DJ3RV	165 - 170

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1985/1	Impedance Transformation Using a Quarter Wavelength Line	Erich Stadler, DG7GK	43 - 45
1985/2	PLL Oscillators with Delay Lines, Part 3 : Oscillator Module for the 2 m band	Joachim Kestler, DK1OF	112 - 120
1985/2	Switched Mode Power Supplies (SMPS) Part 1 : Basic Theory	Jochen Jirmann, DB1NV	79 - 93
1985/3	Measurement of Cable Impedance with Impulses and Sine Waves	Erich Stadletr, DG7GK	153 - 157
1985/3	The PCB Integrated Coaxial Tuned Circuits	Gerd Korner, DK2LR	158 - 160
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1985/3	The Noise Behaviour of Amplifiers	Wolfram Pueschner, DK7KB	133 - 137
1985/4	Power Amplifiers - How they are Operated	Carsten Vieland, DJ4GC	208 - 212
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1986/1	Antenna Position Calculations for Measurements of Cosmic Radio Sources and EME Communications	Peter Gerber, HB9BNI	35 - 37
1986/3	Frequency Modulated Amateur Television (ATV)	Josef Grimm, DJ6PI	165 - 176
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1987/1	PLL Oscillators with Delay Lines, Part 5 : Digital Frequency Tuning	Joachim Kestler, DK1OF	2 - 12
1987/1	A 10 kHz - 30 MHz Receiver Front End, Part 1	Joachim Kestler, DK1OF	13 - 26
1987/2	The Genertaion and Demodulation of SSB Signals Using the Phasing Method, Part 1 : Basic Theory	Dr Ralph Oppelt, DB2NP	66 - 72
1987/3	PC Interface for the YU3UMV Weather Picture Store	Hans Oppermann	168 - 174
1987/3	The Genertaion and Demodulation of SSB Signals Using the Phasing Method, Part 2 : Signal Processing	Dr Ralph Oppelt, DB2NP	130 - 140
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2002/3	The Transmission Of Electro-Magnetic Waves in Rectangular Waveguides	Wido Schak	151 - 159
2002/4	Determination Of Received Field Strengths In UHF Range	Gunthard Kraus, DG8GB	194 - 202
2003/2	An interesting program APLAC	Gunthard Kraus, DG8GB	90 - 105
2003/3	Lets try again with PUFF	Gunthard Kraus, DG8GB	170 - 180
2004/2	Design and realisation of microwave circuits, part 10	Gunthard Kraus, DG8GB	116 - 124
2004/3	A simple detector to estimate the immission from GSM mobile phone base stations: Part1	Alexander Meier, DG6RBP	179 - 182
2004/3	PUFF with windows XP: "Wonderful"	Gunthard Kraus, DG8GB	183 - 185
2004/3	An interesting program. SonnetLite 9.51	Gunthard Kraus, DG8GB	156 - 178
2004/4	Intermodulation behaviour of hybrid amplifier modules	Wolfgang Schneider, DJ8ES	233 - 237
2004/4	Franco's Finest, Microwave absorbers	Franco Rota, I2FHW	249 - 252
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2005/4	An interesting program: Circuit simulation using PSPICE	Gunthard Kraus, DG8GB	223 - 238
2006/1	Correction to the article "An interesting program: Circuit simulation using PSPICE" in issue 4/2005	Gunthard Kraus, DG8GB	28
2006/2	Determining S-parameters with PSPICE	Gunthard Kraus, DG8GB	95 - 106
2006/2	The Noble Art of Piping DC to the LNA	Carl Lodstrom, SM6MOM & KQ6AX	117 - 123
2006/3	An interesting program: ANSOFT designer SV 2.2	Gunthard Kraus, DG8GB	130 - 144
2006/3	Diode multilpiers	John Fielding, ZS5JF	169 - 178
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2007/1	Instrumentation amplifier noise (additional information for the article published in issue 4/2006)	Carl Lodstrom, KQ6AX & SM6MOM	59 - 60
2007/1	Corrections to transistor multiplier article published in issue 4/2006	John Fielding, ZS5JF	56 - 58
2009/3	Possibilities and limits of circuit simulation for radi amateurs	Gunthard Kraus, DG8GB	171 - 183
2010/2	Correlation function: What is that? And what is it for?	Andrea Daretti, IZ2OUK	108 - 115
2010/2	Harmonic or Overtone?	Andre Jamet, F9HX	90 - 93
2010/2	An Interesting Program: Simulation of RF circuits with LT spice iV, Part 1	Gunthard Kraus, DG8GB	75 - 89
2010/3	Radio Engineering - basic knowledge. Investigating Signals	Gunthard Kraus, DG8GB	141 - 154
2010/4	An Interesting Program: Simulation of RF circuits with LT spice iV, Part 2	Gunthard Kraus, DG8GB	214 - 229
2010/4	Trials and Tribulations of 1.990xxx Crystals	Andre Jamet, F9HX	194 - 198
2010/4	Radio Engineering - basic knowledge. Investigating Signals	Gunthard Kraus, DG8GB	205 - 213
2011/1	An Interesting Program: Simulation of RF circuits with LT spice iV, Part 3 of 3	Gunthard Kraus, DG8GB	21 - 35
2011/1	Revisiting the wideband amplifier using the CF739 FET	Guerrino Daipra, ON1EV	1 - 15
2011/1	Dielectric absorption or how not to be electrocuted!	Andre Jamet, F9HX	16 - 20
2011/2	My future 15W 10GHz SSPA will not run too hot!	Andre Jamet, F9HX	119 - 124
2011/3	Remenbering 30 Years Ago: Circulators and Isolators. An article from issues 1 & 2/1972	R Lentz, DL3WR	179 - 188
2011/3	Qudrature Amplitude Modulation (QAM)	Gunthard Kraus, DG8GB	130 - 143
2011/3	Sources of external noise and its effects on radio reception	Ralf Rudersdorfer, OE3RAA	144 - 151
2011/4	Soldering advice for 0.5mm pitch SMD ICs	Bernd Kaa, DG4RBF	232 - 236
2011/4	Become familiar with ceramic capacitors for good use from DC to microwaves	Andre Jamet, F9HX	237 - 241
2011/4	Temperature measurement of electronic components, applied to a 10GHz PA	Andre Jamet, F9HX	250 - 254
2011/4	Practical Project: Development of a 50MHz to 2.5GHz wideband MMIC amplifier, Part 1	Gunthard Kraus, DG8GB	202 - 214
2012/1	A Useful Gain Block for the Radio Amateur	Geoffff Pike, GI0GDP	28 - 30
2012/1	Practical Project: Development of a 50MHz to 2.5GHz wideband MMIC amplifier, Part 2	Gunthard Kraus, DG8GB	2 - 17

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2012/2	The harmful effects of image frequency in microwave transverters	Andre Jamet, F9HX	76 - 83
2012/3	Using Smith Diagrams, Reprint from 1/1984	Erich Stadler, DG7GK	182 - 189
2012/3	The use of electrolytic capacitors in DC power supplies	Andre Jamet, F9HX	147 - 154
2013/3	Operational Transconductance Amplifiers (OTA)	Aristotles Tsiamitros	148 - 162
2013/3	Directional couplers - made to measure. Re[print from 4/1984	Harald Braubach, DL1GBH	174 - 180
2013/3	Extremely Low Noise Preamplifiers require Low Loss Antenna Cables. Wideband Directional Coupler	Michael Martin, DJ7VY	181 - 189

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1994/1	A DIY Receiver for GPS and GLONASS Satellites, Part 1	Matjaz Vidmar, S53MV	34 - 44
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1994/3	A DIY Receiver for GPS and GLONASS Satellites, Part 3	Matjaz Vidmar, S53MV	151 - 165
1994/4	A DIY Receiver for GPS and GLONASS Satellites, Part 3b Quadrifilar Backfire Helix Antenna	Matjaz Vidmar, S53MV	197 - 200
1995/1	A DIY Receiver for GPS and GLONASS Satellites, Part 4	Matjaz Vidmar, S53MV	35 - 51
1995/2	A DIY Receiver for GPS and GLONASS Satellites, Part 5	Matjaz Vidmar, S53MV	78 - 90
1995/3	A DIY Receiver for GPS and GLONASS Satellites, Part 6	Matjaz Vidmar, S53MV	153 - 167
1995/4	A DIY Receiver for GPS and GLONASS Satellites, Part 7	Matjaz Vidmar, S53MV	194 - 205
1997/3	Tips, Improvements and Corrections . A GPS & GLONASS Satellite Receiver	Matjaz Vidmar, S53MV	187 - 189
1997/4	GPS / GLONASS Receiver Hardware and Software Update #1	Matjaz Vidmar, S53MV	252 - 253

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1996/2	An Ultra Low Cost HF SSB/CW Transceiver with 20W Output, an AGC Meter, S Meter and Audio Filter, Pt1	Denys Roussel, F6IWF	94 - 110
1996/3	An Ultra Low Cost HF SSB/CW Transceiver with 20W Output, an AGC Meter, S Meter and Audio Filter, Pt2	Denys Roussel, F6IWF	148 - 156
1997/4	An Exceptionally Low Cost HF SSB/CW Transceiver, Part 3 : Description of Assembly	Denys Roussel, F6IWF	218 - 236
1998/1	An Exceptionally Low Cost HF SSB/CW Transceiver, Part 4 : Assembly Instructions	Denys Roussel, F6IWF	35 - 45
1998/2	HF Synthesiser 5 to 1450 MHz, Part 1	Bernd Kaa, DG4RBF	103 - 121
1998/3	HF Synthesiser 5 to 1450 MHz, Part 2	Bernd Kaa, DG4RBF	159 - 181
1999/1	Tips On and Improvements to : HF Synthesiser from Bernd Kaa (Issue 2 and 3/1998)	Bernd Kaa, DG4RBF	35 - 37
2009/2	Top loaded vertical DX antenna for 80m	Wolfgang Schneider, DJ8ES	96 - 103

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1970/1	A Transistorised Calibration Spectrum Generator for Two Metres	H Gotting, DL3XW	41 - 44
1970/4	Neutralisation of the DL3XW / DJ4BG Calibration Spectrum Generator	D E Schmitzer, DJ4BG	244
1970/4	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	240 - 243
1971/1	A Simple Method of Measuting the Frequency Deviation	C Grey, VE2AQX	40 - 43
1971/2	Simple Stripline Reflectometers for 144 and 432 MHz	R Griek, DK2VF	89 - 92
1971/3	A Four Digit Frequency Counter Module for Frequencies up to 30 MHz	F Weingartner, DJ6ZZ	159 - 171
1971/3	A Wideband Preamplifier for Frequency Counters up to 60 MHz	W R Kritter, DL8TM	156 - 158
1971/4	A Digital Calibration Spectrum Generator	D E Schmitzer, DJ4BG	194 - 205
1972/1	A Digital Calibration Spectrum Generator. Part 2 : 1.001 MHz Accesory and Power Supply	D E Schmitzer, DJ4BG	20 - 25
1972/2	A 200 kHz Receiver for Synchronising 1 MHz Oscillator to the Droitwich Longwave Transmitter	E Schmitzer, DJ4BG	111 - 118
1972/3	Home Made Reflectometer for 100 - 1400 MHz	R Griek, DK2VF	164 - 166
1972/3	A Simple FET Tester	H Matuschek, DJ3MY	180 - 183
1972/4	Further Developments of the Four Digit Frequency Counter	F Weingartner, DJ6ZZ	229 - 234
1972/4	A Stable Crystal Controlled Oscillator in the order of 10 to minus 7 for Frequency/Time Measurement	R Gorl, DL1XX	235 - 240
1973/1	Recommended Modifications to the Calibration Spectrum Generator	D E Schmitzer, DJ4BG	16 - 17
1973/2	A Six Digit Frequency Counter for Frequencies between 1 Hz and Typically 100 MHz	W R Kritter, DL8TM	95 - 103
1973/2	A Dual Input Preamplifier with 2:1 Prescaler for Frequency Counters from 1 Hz to Min 100 MHz	W R Kritter, DL8TM	91 - 94
1973/3	A 10:1 Prescaler and Preamplifier with an Upper Frequency Limit of 250 MHz for Frequency Counters	J Grimm, DJ6PI	154 - 159
1973/4	Digital Voltmeter	K Wilk, DC6YF	203 - 207
1974/1	Simple Digital Voltmeter	K Wilk, DC6YF	18 - 29
1974/1	Precision Reflectometer for 0 to 3200 MHz	H Tietenthaler, OE5THL	2 - 17
1974/3	High Impedance Preamplifier for Frequency Counters fro DC to 60 MHz	H U Schmidt, DJ6TA	177 - 182
1974/3	Losses Encountered when Interconnecting Cables Having the Incorrect Impedance	Dr P Brumm, DL7HG	142 - 146

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1975/2	A Standard Frequency Oscillator with an Accuracy of 10 to minus eight	R Gorl, DL1XX	118 - 126
1975/4	A Four Digit Frequency Counter for 250 MHz Using a 7 Segment LED Readout	E Zimmermann, HB9MIN	209 - 214
1975/4	A Numerical Indication System	K Wilk, DC6YF	250 - 251
1976/1	A Numerical Indication System, Part 2	K Wilk, DC6YF	33 - 49
1976/2	A Precision Digital Multimeter, Part 1 : Analogue/Digital Converter, Decoder and Indicator Modules	J Kestler, DK10F	118 - 127
1976/3	A Precision Digital Multimeter, Part 2 : Input Amplifier and Power Supply	J Kestler, DK1OF	181 - 191
1976/4	A Sensitive 500 MHz 10:1 Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	247 - 251
1977/2	A Spectrum Analyser for Amateur Applications	E Berberich, DL8ZX	109 - 120
1977/2	An Absorbtion Wavemeter for 70 MHz to 1350 MHz	J Dahms, DC0DA	90 - 97
1977/2	A Triangular Wave Generator	H J Ehrke, DC7LE	121 - 123
1977/3	Linear Capacitance Meter	R Reuter, DC6FC	179 - 183
1977/4	DB1NV's Image Memory in Combination with HP141 Spectrum Analyser	Lorenz Oelschlegel, DL6NCI	216 - 217
1978/1	Simplified Measurement of Spurious Signals of VHF Transmitters	H J Brandt, DJ1ZB	59 - 61
1978/2	Atom Frequency Standards and Standard Frequency Transmitter	M Klein, DK7UF	119 - 124
1979/1	Calibration Spectrum Generator for the Microwave bands up to 10 GHz	U Mallwitz, DK3UC	43
1979/2	Attenuators for Power Matching	E Wiedenmann, DL8XI	117 - 124
1980/2	Determining the Sensitivity of Receive Systems with Aid of Solar Noise	G Hoch, DL6WU	66 - 72
1980/3	An Automatic SWR Meter	J Kestler, DK10F	155 - 158
1980/3	A Measuring System for Determining the Temperature Response of Crystals	M Arnoidt	159 - 168
1980/4	A Home made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Materials	H C Als, DC4IQ	226 - 229
1980/4	An Up Converter for Extending the Frequency Range of Signal Generators	J M Noeding, LA8AK	215 - 216
1980/4	Spectrum Analyser for VHF/UHF Amateur Constructing a Home Made Universal HF Module	E Berberich, DL8ZX	217 - 225

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1981/2	A Setable Up Down Frequency Counter	J Kestler, DK1OF	83 - 94
1981/3	A 1.3 GHz Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	130 - 134
1981/4	A Home Made UHF / SHF Power Meter	O Frosinn, DF7QF	221 - 229
1981/4	A Wavemeter for the Frequency Range 23.5 to 24.5 GHz	E Schaefer, DL3ER	235 - 238
1981/4	An Easy To Build Pattern Generator	L Damrow, DC7EP	230 - 234
1982/1	A Noise Generator for VHF and UHF	Michael Ulbright, DB2GM	38 - 43
1982/1	Some Pitfalls in Noise Figure Measurement	J Gannaway, G3YGF	44 - 48
1982/2	An RF Probe for Test and Measurement Purposes	Dr S Behrens, DC6NG	110 - 111
1982/4	A Spectrum Analyser for VHF/UHF Amateurs, Part 2 : PC Board for the Premixer Module	E Berberich, DL8ZX	236 - 238
1983/1	A Home Made Automatic Noise Figure Measuring System, Part 1	Martin Dohlus	2 - 11
1983/2	A Home Made Automatic Noise Figure Measuring System, Part 2	Martin Dohlus	66 - 83
1983/3	Wideband Directional Coupler for VSWR Measurements on Receive Systems	Michael Martin, DJ7VY	153 - 162
1983/4	Determining the Antenna Gain in the GHz Range	Erich Stadler. DG7GK	202 - 203
1983/4	A Sensitive Thermal Power Meter	Carsten Vieland, DJ4GC	225 - 231
1983/4	Measuring Aids and a Harmonic Filter for the V-MOS Transistor 100 W Power Amplifier for 144 MHz	Harald Braubach, DL1GBH	247 - 254
1984/1	Determining the Parameters of a Receive System in Conjunction with Cosmic Radio Sources	Dragoslav Dobricic, YU1AW	35 - 50
1984/1	A 5/50 W Power Meter with Dummy Load for Operation up to 1.3 GHz	Knut Brenndorfer, DF8CA	56 - 61
1984/2	A Home Made RF Millivoltmeter	B Kokot	66 - 80
1984/2	A Receiver for the VLF Time and Frequency Standard Transmission from DCF77	Friedrich Krug, DJ3RV	96 - 114
1984/3	A Noise Generator with Defined Noise Power for Applications up in the Microwave Range	Harald Fleckner, DC8UG	137 - 145
1984/3	A Home Made RF Millivoltmeter, Part 2	B Kokot	146 - 160
1984/3	A VSWR Indicator	Willhelm Schurings, DK4TJ	171 - 180
1984/3	C-MOS Frequency Counter for 10 Hz to 1 GHz	Werner Hanschke, DC0RZ	182 - 187

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1984/4	A 10 MHz Timebase Clock for Frequency Counters Complete with PLL for DCF77	Friedrich Krug, DJ3RV	221 - 226
1984/4	Directional Couplers - Made to Measure	Harald Braubach, DL1GBH	205 - 210
1985/1	Compact BNC Attenuators	Carsten Vieland, DJ4GC	2 - 7
1985/1	A Power Meter for the Frequency Range 2 to 200 MHz	Harald Braubach, DL1GBH	36 - 42
1985/1	A 2.3 GHz Prescaler (100 : 1)	Manfred Muhlbacher, DB9SB	55 - 63
1985/2	Impeadance Measurements with Calibrated Transmission Lines	Erich Stadler, DG7GK	106 - 111
1985/2	Thermal Power Measurements Yet Another Look	Carsten Vieland, DJ4GC	69 - 71
1985/2	L and C Measurements with Calibrated Transmission Lines	Erich Stadler, DG7GK	100 - 105
1985/3	Measurement of Cable Impeadance with Impulse ans Sine Waves	Erich Stadler, DG7GK	153 - 157
1985/3	The Directional Coupler Function and Use	Erich Stadler, DG7GK	178 - 184
1986/1	Active Probe Scaler 400 - 1300 MHz	A R Jenkins, ZL2TVT	13 - 17
1986/2	More About the DLOHV HF Millivoltmeter	Dieter Schwarzenau	81 - 84
1986/3	Tuneable VHF to SHF Bamdpass Filter	Carsten Vieland, DJ4GC	177 - 185
1986/4	Home Constructed Frequency Counter, Part 1	Dieter Schwarzenau	222 - 245
1987/2	Home Constructed Frequency Counter, Part 2 : Conclusion	Dieter Schwarzenau	73 - 87
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1987/3	More About the 2.3 GHz Divide by 100 Scaler	Manfred Muehlbacher, DB9SB	167
1987/4	Measuring Wavelengths at Microwave Frequencies Simply and Cheaply	Angel Vilaseca, HB9SLV	215 - 218
1987/4	A Spectrum Analyser for the Radio Amateur, Part 2	Jochen Jirmann, DB1NV	232 - 242
1988/2	A Thermal Power Mount	Dr Eng Jochen Jirmann, DB1NV	98 - 102
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1988/3	A 1.5 GHz Plug In for the DL0HV Frequency Counter	Dieter Schwarzenau	130 - 137
1988/3	Digital Storage Interface for the SWOB-2 Sweep Generator	Ralph Berres, DF6WU	138 - 140
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1989/2	Oscilloscope Line Analyser Accessory	Thomas Morzinck, DD0QT	120 - 125
1989/3	A Spectrum Analyser for the Radio Amateur, Part 3a: Construction and PCBs	Jochen Jirmann, DB1NV	163 - 171
1990/1	A Spectrum Analyser for the Radio Amateur, Part 3b : Circuit Options and Ancilliary Equipment	Jochen Jirmann, DB1NV	5 - 9
1990/1	4 Channel 140 MHz Oscilloscope, Part 1 : Salient Circuit Details	Dr Robert Dorner, DD5IK	60 - 62
1990/3	Practical Tips for the Amateur Spectrum Analyser	A Schaumburg, DF7ZW	190 - 191
1990/3	4 Channel 140 MHz Oscilloscope, Part 2 : Conclusion	Dr Robert Dorner, DD5IK	157 - 178
1990/4	Simple Improvements to thr DK2VF Microstrip Directional Coupler	Jochen Dreier, DG8GS	250 - 253
1991/2	Enhancements to the Spectrum Analyser	Dr Ing J Jirmann, DB1NV	80 - 88
1991/2	Measurement Arrangements for Complex Impedances	Carl G Lodstrom, SM6MOM/W6	93 - 101
1991/2	RF Sweeping with a PC	Werner Bruekner, DL6MDA	107 - 119
1991/3	A Digital Image Store for the DB1NV Spectrum Analyser, Part 1	Dr Ing Jochen Jirmann, DB1NV	130 - 146
1991/4	A Digital Image Store for the DB1NV Spectrum Analyser, Part 2 : Conclusion	Dr Ing Jochen Jirmann, DB1NV	229 - 233
1992/1	A Marker Generator for 10 MHz and 1 MHz Markers	Walter Zwickel, OE2TZL	47 - 49
1992/1	Expanding the DB1NV Spectrum Analyser to 2 GHz	Walter Zwickel, OE2TZL	50 - 54
1992/1	A Tracking Generator for the DB1NV Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	35 - 46
1992/2	Absolute Calibration of a Noise Source	Dipl Ing Detlef Burchard	76 - 89
1993/1	A Digital Framestore for the DB1NV Spectrum Analyser; Alterations and Additions	Dr Ing Jochen Jirmann, DB1NV	44 - 47
1993/2	A Simple dB Linear S Meter for Microwave Applications	Erich Zimmermann, HB9MIN	117 - 119
1993/4	Measurement Aids for the UHF Amateur	Michael Kuhne, DB6NT	207 - 213
1993/4	Assembly Instructions and Experiences with the DB1NV Spectrum Analyser Design	Joachim Danz, DL5UL	241 - 250
1994/2	Addenda and Comments on the Article : Tracking Generator	Dr Ing Jochen Jirmann, DB1NV	117 - 118
1994/4	A UHF-SHF Marker Generator	Michael Kuhne	245 - 248
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1994/4	An RF Power Meter with Linear Scale	Carl G Lodstrom. SM6MOM/W6	201 - 204

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1995/2	A Grid Dip Meter for VHF and UHF	Carl G Lodstrom, SM6MOM/W6	70 - 77
1995/3	Frequency Counter with Harmonic Mixing for the UHF / SHF Amateur	Luis Cupido. CT1DMK	130 - 146
1995/3	Expansion and Assembly of the DB1NV Spectrum Analyser	Rainer Schmulling, DK6ZK	180 - 188
1995/4	New Software for the Digital Image Store for the DB1NV 010 Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	229 - 230
1995/4	Digital Display for the Logarithmic Detector Amplifier from DJ4GC	Norbert Kohns, DG1KPN	240 - 245
1996/3	VHF, UHF and SHF Measurement Methods Using a PC, Part 1 : Control Using the PC's Centronics Port	Wolfgang Schneider, DJ8ES	165 - 172
1996/3	Expansion of the Software for the DB1NV Spectrum Analyser Digital Store	Bernd Kaa, DG4RBF	173 - 180
1996/4	VHF, UHF and SHF Measurement Methods Using a PC, Part 2 : Milliwatt Meter From Short Wave to SHF	Wolfgang Schneider, DJ8ES	206 - 214
1996/4	Sweep Triggered Frequency Counter for the DB1NV Spectrum Analyser	Bernd Kaa, DG4RBF	215 - 223
1997/1	VHF, UHF and SHF Measuring Methods Using a PC, Part 3: 0.9 - 1.5 GHz Synthesiser	Wolfgang Schneider, DJ8ES	13 - 19
1997/2	Elimination of Self Oscillation Points in the DB1NV Spectrum Analyser	Andreas Schaumburg, DF7ZW	110 - 115
1997/3	VHF, UHF and SHF Measuring Methods Using a PC, Part 4: High Frequency Test Rig up to 1.4 GHz	Wolfgang Schneider, DJ8ES	152 - 166
1997/4	VHF, UHF and SHF Measuring Methods Using a PC, Part 5 : mW Meter, Wobblers and Spectrum Analysers	Wolfgang Schneider, DJ8ES	194 - 208
1998/1	Diplexer for Ring Mixers	Eugen Berberich, DL8ZX	11 - 17
1998/1	Stripline Directional Coupler for 400 MHz to 3.6 GHz	Gregor Storz, ZL1GSG	2 - 9
1998/2	Instructions and Improvements. Supplement to Series : VHF, UHF and SHF Measuring Methods Using a PC	Wolfgang Schneider, DJ8ES	94 - 96
1999/1	Spectrum Analyser 0 to 1750 MHz	Matjaz Vidmar, S53MV	2 - 30
1999/2	Tracking Generator for the Spectrum Analyser 100 KHz to 1750 MHz	Matjaz Vidmar, S53MV	66 - 79
1999/3	Harmonic Converter for the Spectrum Analyser 100 kHz to 1750 MHz	Matjaz Vidmar, S53MV	136 - 147
1999/4	Marker Counter for the Spectrum Analyser	Matjaz Vidmar, S53MV	219 - 229
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2000/2	A Vectorial Aerial Impedance Meter For The Short Wave Range	Dr Ing Jochen Jirmann, DB1NV	66 - 88
2000/4	High Precision Frequency Standard for 10 MHz	Wolfgang Schneider, DJ8ES	194 - 200
2000/4	Tracking Generator for Microwave Ranges (1.7 to 13 GHz)	Carsten Vieland, DJ4GC	215 - 230
2001/1	High Precision Frequency Standard for 10 MHz. Part II Frequency Control via GPS	Wolfgang Schneider, DJ8ES	2 -8
2001/1	Tracking Generator from 1 MHz to 13 GHz for Spectrum Analysers	Carsten Vieland, DJ4GC	35 - 48
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2001/4	70 MHz Preamplifier for Frequency Counter	Wolfgang Schneider, DJ8ES	194 - 198
2002/1	Pre Divider (:10) up to 5GHz	Alexander Meier, DG6RBP	22 - 26
2002/1	A Simple Proceedure for Measurements	Dipl. Ing. Detlef Burchard	17 - 21
2002/1	Frequency Generator (Wobbler) to 4GHz	Wolfgang Schneider, DJ8ES	2 - 16
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2002/3	Precision Directional Coupler For Matching Measurements	Bernd Kaa, DG4RBF	165 - 174
2002/4	2-Tone Generator For 145MHz	Wolfgang Schneider. DJ8ES	216 - 227
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2003/1	A 10.7MHz l.f. probe	E Chicken, MBE, G3BIK	56 - 58
2003/2	Digital mW Meter	Alexander Meier, DG6RBP	71 - 76
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2004/1	12GHz divide by 10 prescaler	Alexander Meier, DG6RBP	35 - 38
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2005/1	Centre frequency counter for HP 8565A and HP 8569 spectrum analysers	Bernd Kaa, DG4RBF	35 - 43
2005/2	Universal measuring amplifier for low DC voltages	Alexander Meier, DG6RBP	88 - 95
2005/2	New measuring method to determine the bandwidth occupied by J3E (SSB) transmissions	Ralf Rudersdorfer, OE3RAA	96 - 110
2005/2	Designation of microwave bands, specification and dimensions	Eberhard L. Smolka, DB7UP	122 - 125
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2007/2	LCD oscilloscope for spectrum analyser. Plus update on spectrum analyser project	Matjaz Vidmar, S53MV	116 - 125
2007/2	A modern precision automatic SINAD meter, distortion factor meter and true RMS voltmeter	Ralf Rudersdorfer, OE3RAA	77 - 101
2007/3	A simple RF/Microwave frequency counter	Matjaz Vidmar, S53MV	130 - 140
2007/3	Vector analyser VAA 200 for the 0.1 to 220MHz range with graphical display	Bernd Kaa, DG4RBF	141 - 157
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2008/2	Additional unit for the SM53MV frequency counter. (More accuarcy and RS232 interface)	Zeljko Bozic, S52ZB	115 - 120
2008/3	Practical Project: Noise factor measurement with older spectrum, part 2	Gunthard Kraus, DG8GB	140 - 154
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2000/3	A Simple TNC for Megabit Packet Radio Links	Matjaz Vidmar, S53MV	137 - 151
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2009/4	A Stroll Through Military Communications History	Roy Stevenson	233 - 241
2009/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	254 - 255
2010/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	61 - 63
2010/1	John's mechanical Gem No. 9, RF Connectors and thread types used	John Fielding, ZS5JF	54 - 58
2010/1	The AGC Module, Part 3. Continuation from issue 4/2009	Henning C Wddig, DC5LV	42 - 53
2010/1	RF Power Transformer	Franco Rota, I2FWH	16 - 17
2010/1	HenryTest review	Andy Barter, G8ATD	9 - 11
2010/1	Connecting up for VHF digital modes	Brian D Williams, GW0GHF	2 - 8
2010/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 126
2010/2	John's mechanical Gem No. 10, Attaching hubs to shafts	John Fielding, ZS5JF	120 - 124
2010/3	John's mechanical Gem No. 11, Know your metals	John Fielding, ZS5JF	183 - 186
2010/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	188 - 189
2010/4	The American Museum of Radio and Electricity, Bellingham, Washington	Roy Stevenson	237 - 242
2010/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	254 - 255
2010/4	John's mechanical Gem No. 12, Wind loading - Is my antenna system safe?	John Fielding, ZS5JF	251 - 253
2011/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	60 - 63
2011/1	John's mechanical Gem No. 13, Tower foundations	John Fielding, ZS5JF	54 - 58
2011/1	The AGC Module, Part 4. The search for unwanted phase errors	Henning C Weddig, DC5LV	36 - 46
2011/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 126
2011/2	Microwave PCB gluing	Andre Jamet, F9HX	75 - 78
2011/3	No, I do not want to use lead free solder, especially for microwave projects	Andre Jamet, F9HX	172 - 174
2011/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	189 - 190

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Topic	Miscellaneous		
Edition	Title	Author	Pages
2011/4	The demodulator module	Henning C. Weddig, DC5LV	215 - 231
2011/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	255
2012/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	62 - 63
2012/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 126
2012/2	Royal Maol Price Increases	Andy Barter, G8ATD	66
2012/3	Results of Postal Price Survey	Andy Barter, G8ATD	130
2012/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	190 - 191
2012/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	252 - 253
2012/4	Win 150 Euros worth of components (introduction to a competition for article in 2013)	Andy Barter, G8ATD	254
2013/1	A useful coax latching relay control circuit	Marty Singer, K7AYP	51 - 60
2013/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	62 - 63
2013/1	Counterfeits	Andre Jamet, F9HX	50
2013/2	The RTL-SDR Working with a USB stick	Dirk Muller, DB6FM	82 - 89
2013/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 126
2013/2	An interesting program: DOS programs (e.g. PUFF) on Windows 7	Gunthard Kraus, DG8GB	102 - 105
2013/2	Modern beacon design	Wolfgang Schneider, DJ8ES	66 - 72
2013/2	Updating the AX.25 network in Slovenia Radio transceivers for the new Non-Flawless Protocol Network	Majaz Vidmar, S53MV	106 - 117
2013/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	190 - 191
2013/3	The RTL-SDR Working with a USB stick. Part 2 continued from issue 2/2013	Dirk Muller, DB6FM	163 - 173
2013/3	An interesting progran: Today PUFF 2.1 for Windows 7: now on CD	Gunthard Kraus, DG8GB	136 - 147
2013/4	A brief hsitory of VHF Communications Magazine	Andy Barter, G8ATD	194 - 200
2013/4	Strong following wind for Sonnet Lite. A book review	Gunthard Kraus, DG8GB	220 - 222
2013/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	254 - 255

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Topic	Optical Band		
Edition	Title	Author	<b>Pages</b>
2003/1	Amateur use of the optical spectrum (above 300GHz) Part 1	Peter Greil, DL7UHU	14 - 24
2003/1	Laser output meter	Alexander Meier, DG6RBP	42 - 51
2004/1	Amateur use of the optical spectrum, part II	Peter Greil, DL7UHU	39 - 47
2004/4	The noble art of optical communications part 1	Carl Lodstrom, SM6MOM, KQ6AX	194 - 209
2005/1	The noble art of optical communications part 2	Carl Lodstrom, SM6MOM, KQ6AX	2 - 15
2006/1	The Noble Art of measuring optical power	Carl Lodstrom, SM6MOM & KQ6AX	35 - 46

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Topic	Oscillators		
Edition	Title	Author	Pages
1969/2	Variable Frequency Crystal Oscillator (VXO)	K P Timmann, DJ9ZR	87 - 94
1969/4	Automatic Search Oscillator for Two Metre Converter	H Wilhelm, DL8AT	215 - 217
1969/4	A Three Stage VFO for 48.0 to 48.7 MHz	G Hoffschildt, DL9FX	209 - 214
1970/1	A 48 MHz VFO for 144 MHz Transmitters	H Matuschek, DJ3MY	31 - 37
1970/1	Frequency Modulation of Crystal Controlled Oscillators by Use of Resistor Diodes	G Damm, DM2WD	25 - 27
1970/1	Narrow Band Frequency Modulation of Overtone Crystal Oscillators	E Harmet, OE6TH	28 - 30
1970/4	PC Board for the 2 Crystal Oscillators of the 144-14 MHz MOSFET Converter used in DL6HA SSB Trancvr.	H Kahlert, DL3YKR	201 - 204
1970/4	Synthesis VFO for 24 MHz	R Lentz, DL3WR	205 - 209
1971/1	A Synthesis VFO for 144 - 146 MHz or 135 - 137 MHz	G Bergmann, DJ7JX	44 - 55
1971/1	A 70 cm Transmitter with VXO Exciter	E Berberich, DL8ZX	33 - 39
1971/1	Variable Frequency Operation on 2 Metres Using the VFO of a Shortwave SSB Transmitter	F Boersch, DK1YZ	30 - 32
1972/1	Calculation for Linear VFO	H Schoften, DJ1FO	16 - 19
1972/2	A 200 kHz Receiver for Synchronising 1 MHz Oscillatotrs to the Droitwich Longwave Transmitter	D E Schmitzer, DJ4BG	111 - 118
1972/2	A Wideband Ring Mixer with Schottky Diodes	R Lentz, DL3WR	121 - 124
1972/3	A Crystal Oscillator Module with Three Independent Oscillators	D E Schmitzer, DJ4BG	175 - 179
1972/4	A Stable Crystal Controlled Oscillator in the order of 10 to minus 7 for Frequency/Time Measurement	R Gorl, DL1XX	235 - 240
1973/2	Temperature Compensated Oscillator with Varactor Tuning	T Schad, DJ8ES	116 - 122
1973/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 3: The Carrier Oscillator	H J Franke, DK1PN	169 - 170
1973/3	FM Transceiver with Multichannel Synthesiser, Part 1: 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK10F	130 - 145
1973/4	Variable Frequency Oscillator Module for the Modular Receiver System	D E Schmitzer, DJ4BG	241 - 249
1974/2	Phased Locked Oscillator for 144 MHz	J Kestler, DK10F	114 - 124
1974/3	A 400 Channel Synthesiser for 2 m	J Kestler, DK1OF	130 - 141
1974/4	2160 MHz Local Oscillator for 13 cm Converters	K Hupfer, DJ1EE	246 - 247
1975/1	Using the Phased Locked Oscillator DK1OF 01 for Repeater/Duplex Operation for 1.6 or 0.6 MHz Spacing	H Hanserl, OE5AN	40 - 41
1975/1	An SSB Exciter with RF Clipper	J Kestler, DK1OF	2 - 14

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Topic	Oscillators		
Edition	Title	Author	<b>Pages</b>
1975/2	A Standard Frequency Oscillator with an Accuracy of 10 to minus eight	R Gorl, DL1XX	118 - 126
1975/4	Constant Amplitude SSB - Advantageous or Not ?	R Lentz, DL3WR	203 - 208
1977/3	The AFC Loop - A Simple and Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschildt, DL9FX	184 - 188
1977/4	A Linear Transverter for 28 MHz - 1296 MHz with Push Pull Mixer	U Beckmenn, DF8OKJ	212 - 220
1977/4	A New Concept for 2 m to 70 cm Transverters	E Berberich, DL8ZX	229 - 232
1978/1	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	18 - 22
1978/2	The ULM 70S - A FM Transceiver for the 70 cm band with Sythesiser	L Sangmeister, DJ7OH	82 - 84
1978/2	Loacal Oscillator for 1268 MHz Matching the Linear Transmit Converter DF8QK 001	U Beckmann, DF8QK	125 - 126
1978/3	A Frequency Control Loop for a 433 MHz VCO	T Krieg, DK8GY	186 - 190
1978/3	Synthesiser for the 2 m band in C-MOS Technology	G Heeke, DC1QW	130 - 144
1978/4	A 1268 MHz Local Oscillator Module for DF8OK 001	U Beckmann, DF9QK	241 - 243
1979/3	Design of Crystal Oscillator Circuits	B Neubig, DK1AG	174 - 190
1979/4	Design of Crystal Oscillator Circuits, Part 2	B Neubig, DK1AG	223 - 237
1980/1	A System for Reception and Display of METEOSAT Images, Part 3 : LO for VHF Receiver	R Tellert, DC3NT	14 - 22
1980/3	SSB on the 10 GHz band, Part 1 : Generation of the Local Oscillator Frequency	G Bors, DB1PM	130 - 138
1980/3	Modern Receive Converter for 70 cm Receiver, 8 Crystal Oscillators around 100 MHz on One Board	M Lass, DJ3VY	148 - 154
1981/2	Low Noise VHF Oscillator with Diode Tuning, Digital Frequency Control and Frequency Indication	M Martin, DJ7VY	66 - 82
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	194 - 203
1982/2	A VXO Local Oscillator for 144 MHz Transceivers	Klaus Schoepf, DB3TB	84 - 88
1984/4	PLL Oscillators with Delay Lines, Part 1 : Fundamentals	Joachim Kestler, DK1OF	211 - 220
1985/1	PLL Oscillators with Delay Lines, Part 2 : A Shortwave VFO from 5 to 6 MHz	Joachim Kestler, DK10F	46 - 54
1985/2	PLL Oscillators with Delay Lines, Part 3 : Oscillator Module for the 2 Metre band	Joachim Kestler, DK10F	112 - 120
1985/3	A Stable Crystal Controlled Source for 10.37 GHz	Jochen Jirmann, DB1NV	146 - 152
1985/3	PLL Oscillators with Delay Lines, Part 4 : Carrier Noise Sidebands	Joachim Kestler, DK10F	138 - 140

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Topic	Oscillators		
Edition	Title	Author	<b>Pages</b>
1985/4	SSB Mini Transverter 144 / 1296 MHz	Konrad Hupfer, DJ1EE	232 - 240
1986/1	SDA 3202 - A New PLL IC for up to 1.5 GHz	Gunter Sattler, DJ4LB	18 - 22
1986/4	Voltage Controlled Tuned Wideband Oscillator	Jochen Jirmann, DB1NV	214 - 221
2003/2	Synthesisers	Prof. Gisbert Glasmachers	107 - 118
2003/2	VCXOs with wide pull-in range using alternatives to quartz	Bernd Neubig, DK1AG	66 - 70
2003/2	Multiplication, division and addition of a 10MHz source to get a synthesised VHF signal	Andre Jamet, F9HX	119 - 124
2004/4	A simple approach to YIG oscillators	Bernd Kaa, DG4RBF	217 - 224
2005/1	DDS oscillator for QRP experiments on short wave and 6m band	Wolfgang Schneider, DJ8ES	44 - 52
2005/2	Solution for stable and precise microwave frequency generation	Andre Jamet, F9HX	76 - 79
2005/2	A modern technique for microwave oscillator generation Part 1	Sigurd Werner, DL9MFV	66 - 75
2005/3	Universal PLL oscillator module	Alexander Meier, DG6RBP	156 - 163
2005/3	Simple PLL oscillator for receivers with 45MHz intermediate frequency	Peter Artl, DG4EAY	130 - 139
2006/2	Down Converter for YIG iscillators (10MHz to 2GHz)	Alexander Meier, DG6RBP	66 - 71
2006/4	VCOs as a replacement for YIG oscillators in the 2 to 4GHz range	Wolfgang Schneider, DJ8ES	194 - 197
2007/2	A GPS controlled frequency standard	Zeljko Bozic	109 - 125
2007/2	Basics of YIG oscillators and a YIG driver example	Alexander Meier, DG6RBP	66 - 76
2007/4	Using DDS aliasing to extend its frequency range	Andre Jamet, F9HX	234 - 238
2008/3	The harmful effects of local oscillator noise	Andre Jamet, F9HX	130 - 139
2008/3	GPS-LCD, an add on to the GPS disiplined oscillator	Primoz Lemut, S53KS	160 - 165
2008/4	DDS RF signal generator	Matjaz Vidmar, S53MV	196 - 208
2009/2	DDS using the AD9951	Henning C. Weddig, DK5LV	104 - 117
2009/4	DFS for microwave beacons, Direct frequency synthesis with auxilliary oscillator	Andre Jamet, F8HX	194 - 202
2010/2	CTCSS Oscillator	Antonio Iuliano, IZ1ANS	116 - 119
2010/4	An interesting component: ADF 4360 from Analog Devices	Hubertus Rathke, DC1OP	199 - 204
2012/2	LPRO-101 Rubidium frequency standard with output drver for different frequencies	Wolfgang Schneider, DJ8ES	67 - 75
2012/3	Microwave oscillators using cavity resonators	Carsten Vieland. DJ4GC	155 - 163

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Edition	Title	Author	<b>Pages</b>
2012/4	High stability oscillator with PLL multiplier for use with DDS components	Wolfgang Schneider, DJ8ES	194 - 203

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Topic	Power Supplies		
Edition	Title	Author	<b>Pages</b>
1969/2	A 12 / 24 v DC - DC converter	K P Timmann, DJ9ZR	83 - 84
1970/2	Stable Reference Voltages	H J Franke, DK1PN	76 - 86
1970/3	Electronically Stabalised Power Supply with DC - DC Converter	K P Timmann, DJ9ZR	179 - 185
1971/2	Universal Power Supply Using an Integrated DC Voltage Stabaliser	H J Franke, DK1PN	121 - 126
1972/1	An Integrated AF Amplifier and Voltage Stabaliser	D E Schmitzer, DJ4BG	34 - 39
1972/2	A 12 W DC - DC Converter for 12 V / 28 V	H J Franke,DK1PN	107 - 110
1974/3	Integrated 5 V Voltage Stabaliser for 1 A	U Tilimann, DJ5UO	174 - 176
1977/2	A Coaxial Line Power Amplifier for 70 cm Equiped with the 4CX250B	W Rahe, DC8NR	71 - 84
1978/2	A 400 W Power Amplifier for 145 MHz Equipped with the 4CX250	J Kestler, DK1OF	100 - 113
1979/1	A Power Supply for 9 to 15 v / 25 A	H Liers, DB7ES	54 - 60
1979/4	Using Silicon Solar Cells for Construction of Solar Batteries for Portable Operation	Editors	251 - 253
1985/2	A 12 Volt Mobile Switched Mode Power Supply (SMPS), Part 2	Jochen Jirmann, DB1NV	94 - 99
1985/2	Switched Mode Power Supplies (SMPS), Part 1 : Basic Theory	Jochen Jirmann, DB1NV	79 - 93
1985/3	A 12 Volt Mobile Switched Mode Power Supply (SMPS), Part 3	Jochen Jirmann, DB1NV	161 - 168
1985/3	GaAs-FET Inter Locked Dual Polarity Power Supplies for Portable Use	Horst Burfeindt, DC9XG	141 - 145
1985/4	A Microcomputer for Radio Amateurs	Jochen Jirmann, DB1NV	252 - 254
1986/2	Microcomputer Systems, Part 1 : Switched Mode Power Supply (SMPS)	Jochen Jirmann, DB1NV	108 - 120
1988/1	A 12 Volt to 12 Volt Converter	Jochen Jirmann, DB1NV	19 - 25
1988/4	A Stabalised Power Supply for Valved PA's	Wilfried Hercher, DL8MX	246 - 251
1989/3	Using Solar Cells to Supply an Amateur Radio Station	Andreas Schaumburg, DF7ZW	145 - 148
1989/4	Shunt Protected Power Supply	Roy Hartkopf, VK3AOH	247 - 248
1993/1	High Stability Low Noise Power Supply	Volker Espel	19 - 37
1993/4	Power Supply Unit for Travelling Wave Tubes	Andreas Schaumburg, DF7ZW	194 - 206
2000/3	Suplement to Article on 5.7 GHz ATV Converter	Helmut Neidel, DL1IN	186 - 187

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Topic	Shortwave & IF Modules		
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1969/3	A 9 MHz IF - AF Portion Using Integrated Circuits	K P Timmann, DJ9ZR	158 - 159
1969/3	A 9 MHz IF - AF Portion Using Integrated Circuits	K P Timmann, DJ9ZR	136 - 150
1970/1	An IF Diplexer (28 - 30 MHz)	E Reitz, DJ9JT	56 - 57
1970/1	Cascode IF Stages	D E Schmitzer, DJ4BG	58 - 59
1970/2	A Digital Discriminator Accessory for FM Demodulation	D E Schmitzer, DJ4BG	105 - 110
1970/2	Correction to the 9 MHz IF - AF Module DJ9ZR 005	G Strossner, DJ2VN	124 - 126
1970/2	An SSB Transceiver with Silicon Transistors Complement, Part 2 : The 9 MHz Transceiver	G Laufs, DL6HA	65 - 75
1970/3	An SSB Transceiver with Silicon Transistor Complement, Part 3 9 MHz / 14 MHz Transmit Receive Conv.	G Laufs, DL6HA	129 - 146
1970/3	Experiments with a Crystal Discriminator	D E Schmitzer, DJ4BG	147 - 152
1970/3	Modifications for the S Meter and Control Voltage Circuits in the 9 MHz Portion of DL6HA Transceiver	G Laufs, DL6HA	187 - 188
1970/4	An SSB Transceiver with Silicon Transistor Complement, Part 4 : Power Supply and AF Amplifier	G Laufs, DL6HA	193 - 200
1971/4	A Digital Calibration Spectrum Generator	D E Schmitzer, DJ4BG	194 - 205
1972/1	A 9 MHz IF Module for Frequency Modulation	D E Schmitzer, DJ4BG	40 - 45
1972/2	A 50 MHz Transverter by Modification of Receive Converter DL6HA 001 and Transmit Converter DL6HA 005	R Eide, W0ENG	103 - 106
1972/4	An Integrated Receiver System for AM, FM, SSB and CW	H J Franke, DK1PN	212 - 215
1973/1	An Integrated Receiver System for AM, FM, SSB and CW, Development Report	H J Franke, DK1PN	46
1973/1	An Integrated Receiver System for AM, FM, SSB and CW, Part 2; The SSB IF Portion	H J Franke, DK1PN	47 - 53
1973/1	A Shortwave Receiver Module for Use with VHF Converters or for Direct Reception	D E Schmitzer, DJ4BG	24 - 32
1973/3	FM Transceiver with Multichannel Synthesiser, Part 1: 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK1OF	130 - 145
1973/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 3: The Carrier Oscillator	H J Franke, DK1PN	169 - 170
1973/4	An Integrated Receiver System for AM, FM, SSB and CW, Part 4 : AF Amplifier and CW Filter	H J Franke, DK1PN	208 - 211
1973/4	An Integrated Receiver System for AM, FM, SSB and CW, Part 5: Input Module and FM Portion	H J Franke, DK1PN	212 - 219
1974/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 7: The AM Portion	H J Franke, DK1PN	156 - 160

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Topic	Shortwave & IF Modules		
Edition	Title	Author	Pages
1974/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 8 : The System Board	H J Franke, DK1PN	161 - 167
1974/4	Product Detector and Crystal Oscillators for the Modular Receiver	D E Schmitzer, DJ4BG	215 - 219
1974/4	A System Board for the TEKO Modules	D E Schmitzer, DJ4BG	220 - 229
1975/1	An SSB Exciter with RF Clipper	J Kestler, DK1OF	2 - 14
1975/1	SSB / CX IF Module and AGC Circuit	D E Schmitzer, DJ4BG	34 - 39
1976/2	Ten Meter Version of the DC6HL Transceiver	K Ochs, DJ6BU	95 - 99
1976/3	A Universal Converter for HF and VHF	J Kestler, DK1OF	159 - 174
1977/1	Interesting Linear Integrated Circuits	D E Schmitzer, DJ4BG	44 - 51
1978/4	A Modern Receive Converter for 2 m Receivers, Having a Large Dynamic Range and Low Intermodulation	M Martin, DJ7VY	218 - 229
1980/1	A Noise Blanker for Large Signal Conditions for SW and VHF Receivers Having Large Dynamic Range, Pt1	M Martin, DJ7VY	36 - 45
1980/2	A Noise Blanker for Large Signal Conditions for SW and VHF Receivers Having Large Dynamic Range, Pt2	M Martin, DJ7VY	96 - 106
1981/4	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 1	F Krug, DJ3RV	244 - 250
1982/1	A Wideband Driver for the Shortwave bands	Michael Martin, DJ7VY	13 - 18
1982/2	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 2	Friedrich Krug, DJ3RV	112 - 124
1982/3	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 3	Friedrich Krug, DJ3RV	172 - 189
1982/4	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 4	Friedrich Krug, DJ3RV	239 - 252
1983/1	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 5	Friedrich Krug, DJ3RV	49 - 60
1983/2	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 6	Friedrich Krug, DJ3RV	103 - 111
1985/1	PLL Oscillator with Delay Lines, Part 2 : A Shortwave VFO from 5 to 6 MHz	Joachim Kestler, DK1OF	46 - 54
1987/1	A 10 kHz - 30 MHz Receiver Front End Part 1	Joachim Kestler, DK1OF	13 - 26
1987/2	A 10 kHz - 30 MHz Receiver Front End Part 2	Joachim Kestler, DK1OF	99 - 106
1987/3	Broadband HF Power Amplifiers	Andreas Schaumburg, DF7ZW	141 - 149
1988/3	Short Wave Pre Selector Amplifier	Wolfgang Guenther, DF4UW	181 - 185
1990/1	Shortwave Reception Based on Thirties Principles, Part 1	Dipl Eng Detlef Burcard	23 - 30

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Topic	<b>Shortwave &amp; IF Modules</b>		
Edition	Title	Author	<b>Pages</b>
1990/2	Shortwave Reception Based on Thirties Principles, Part 2	Dipl Eng Detlef Burcard	70 - 76
1990/4	A Short Wave Receiver PLL	Dipl Eng Detlef Burcard	230 - 243
2012/4	VLF receiving with an Active Magnetic Antenna and PC sound card interface	Gunthard Kraus, DG8GB	226 - 244
2013/1	VLF receiving with an Active Magnetic Antenna and PC sound card interface, part 2	Gunthard Kraus, DG8GB	28 - 49

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Topic	TV Satellite Reception		
Edition	Title	Author	Pages
1986/4	TV Satellite Receiving System, Part 1 : Low Noise 11 GHz Down Converter	Matjaz Vidmar, YT3MV	194 - 213
1987/1	TV Satellite Receive System, Part 2 : Indoor Unit	Matjaz Vidmar, YT3MV	35 - 56
1988/2	Receiving Converter for 4 GHz band Satellite	Matjaz Vidmar, YT3MV	103 - 110
1990/1	SAT-X Receiver for the Satellite IF band 900 - 1700 MHz	M Salewski, DC9DO	10 - 22

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Edition	Title	Author	Pages
1972/3	Modifying the DLHA 001/28 Dual Gate MOSFET Converter for Reception of Weather Satellites	T Bittan, G3JVQ	167 - 168
1978/3	Reception of the METEOSAT Weather Satellite	T Bittan, G3JVQ	169 - 172
1978/4	More Details on Reception of the European Weather Satellite METEOSAT	R Lentz, DL3WR	230 - 240
1979/3	A System for Reception and Display of METEOSAT Images, Part 1	R Tellert, DC3NT	130 - 140
1979/4	A System for Reception and Display of METEOSAT Images, Part 2	R Tellert, DC3NT	194 - 202
1980/1	A System for Reception and Display of METEOSAT Images, Part 3	R Tellert, DC3NT	14 - 22
1980/2	A System for Reception and Display of METEOSAT Images, Part 4	R Tellert, DC3NT	73 - 87
1980/3	A System for Reception and Display of METEOSAT Images, Part 5	R Tellert, DC3NT	169 - 178
1980/4	A Simple Converter for Reception of Weather Satellites in Conjunction with 2 m FM Receivers	H Kulmus, DJ8UZ	211 - 214
1980/4	A System for Reception and Display of METEOSAT Images, Part 6	R Tellert, DC3NT	194 - 210
1981/1	A System for Reception and Display of METEOSAT Images, Part 7	R Tellert, DC3NT	43 - 50
1981/2	A System for Reception and Display of METEOSAT Images, Part 8 : The Control Module for CRT	R Tellert, DC3NT	110 - 118
1981/3	A System for Reception and Display of METEOSAT Images, Part 9 : CR Tube with X & Y Amp and EHT	R Tellert, DC3NT	152 - 166
1981/4	Antennas for Reception of Orbiting Weather Satellites in the 137 MHz band	T Bittan, G3JVQ	214 - 218
1981/4	Forecast the Reception Times of Orbiting Satellites	T Bittan. G3JVQ	219 - 220
1981/4	A Receive Converter for Geostationary Weather Satellites METEOSAT, GOES, GMS, Part 1 The SHF Module	B Roessle, DJ1JZ	207 - 213
1982/1	A Receive Converter for Geostationary Weather Satellites METEOSAT, GOES, GMS, Part 2 The LO Module	Benno Rossle, DJ1JZ	24 - 30
1982/4	A Digital Storage and Scan Converter for Weather Satellite Images, Part 1	Matjaz Vidmar, YU3UMV	194 - 208
1983/1	A Digital Storage and Scan Converter for Weather Satellite Images, Part 2	Matjaz Vidmar, YU3UMV	12 - 25
1983/2	A Digital Storage and Scan Converter for Weather Satellite Images, Part 3 : Synthetic Colour Module	Matjaz Vidmar, YU3UMV	84 - 90
1983/2	Preliminary Experience with the Digital Storage Module described by YU3UMV	Editors	91 - 92
1984/2	The GOES Series of Geostationary Weather Satellites	Terry Bittan, G3JVQ	81 - 88

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Topic	Weather Satellite Reception			
Edition	Title	Author	Pages	
1984/3	A Low Noise Preamplifier for Weather Satellites Reception at 1.7 GHz	Losef Grimm, DJ6PI	130 - 136	
1985/1	A Low Noise METEOSAT Converter with GaAsFET Preamplifier and Mixer Stage	Bernd Bartkowiak, DK1VA	8 - 16	
1985/1	A Digital Multiple Image Storage for Weather Satellite Images	Harald Hufenbecher, DL6NAD	17 - 30	
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